4/13/87 56270-1

Ohio Labor Market Information Review

January 1987

Summary. Ohio's seasonally adjusted unemployment rate rose from 7.9 percent in December 1986 to 8.3 percent in January 1987, according to the most recent household survey. The national rate remained unchanged at 6.7 percent. Total employment in Ohio, at 4,850,000, was down 11,000 from December. The number of unemployed workers was up 22,000, to 437,000. Nonagricultural wage and salary employment (seasonally adjusted) in Ohio rose 22,000 from December, to 4,554,000 in January, according to the latest employer survey. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio rose slightly from December, to 1,107,000. Increases in nondurable-goods employment were nearly offset by losses in durable-goods employment.

Nonmanufacturing. January nonmanufacturing employment in Ohio increased 21,000 from December, to 3,447,000. Services went up 7,000, construction rose 6,000, and retail trade gained 4,000. Government and finance, insurance, and real estate also advanced.

Over the Year. Ohio's civilian labor force increased by 69,000 from January 1986 to January 1987. Total employment was up 91,000, and there were 22,000 fewer jobless workers. The unemployment rate fell from 8.8 percent to 8.3 percent over the year. The national rate was unchanged at 6.7 percent. Nonagricultural employment in Ohio rose 116,000 from January 1986 to January 1987. Most of the increase occurred in services and retail trade, although all nonmanufacturing divisions, except mining, had significant gains. Manufacturing employment fell 17,000 over the year due to declines in durable-goods industries.

Factory Hours and Earnings. Manufacturing production workers had average weekly earnings of $502.58 in January, down $5.57 from December. Their average hourly workweek dropped .4 hours, to 42.7 hours. Decreased overtime reduced earnings in aircraft and parts, electric lighting and wiring, and metalworking machinery. Increases in earnings occurred in metal forgings and stampings, preserved fruits and vegetables, and electrical industrial apparatus.

Benefits and Costs. There were 105,164 initial claims filed under the Ohio Unemployment Compensation Law in January, down 3.6 percent from December, but up 2.6 percent from January 1986. Total benefits paid amounted to $80.0 million, up 37.6 percent from last month. The average weekly benefit check of $151.19 was $.51 higher. The average weekly number of benefit recipients rose 27.8 percent, to 116,003. At the end of January, there were 194,291 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services aided 48,475 new job applicants in January, up 16.2 percent from December. The number of job openings received from employers rose 21.3 percent, to 9,021. The Employment Services Division made 19,338 job referrals and 3,772 placements.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

REVISIONS

The Civilian Labor Force series has been revised by the U.S. Bureau of Labor Statistics to reflect adjusted population estimates from the Bureau of the Census.

The Nonagricultural Wage and Salary Employment series for 1985 and 1986 have been revised to the 1986 benchmark, a complete count of employment by industry.

1987 SEASONAL ADJUSTMENT FACTORS

Month	Manufacturing		Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, and Real Estate	Services	Government
	Durable Goods	Nondurable Goods								
January	0.991	0.990	0.983	0.847	0.977	0.990	0.978	0.990	0.975	1.002
February	0.990	0.988	0.965	0.815	0.976	0.988	0.962	0.989	0.979	1.017
March	0.996	0.990	0.964	0.855	0.982	0.991	0.967	0.991	0.984	1.020
April	0.999	0.993	0.973	0.941	0.993	0.997	0.988	0.995	1.002	1.018
May	1.002	0.997	0.990	1.007	1.000	1.001	1.002	1.000	1.009	1.023
June	1.008	1.005	1.011	1.051	1.009	1.008	1.009	1.009	1.017	0.999
July	1.002	1.003	1.026	1.094	1.009	1.007	1.007	1.013	1.012	0.945
August	1.001	1.010	1.021	1.114	1.012	1.007	1.010	1.012	1.011	0.936
September	1.005	1.017	1.023	1.111	1.013	1.003	1.010	1.005	1.014	0.983
October	1.002	1.005	1.020	1.110	1.013	1.003	1.010	0.999	1.006	1.014
November	1.003	1.002	1.018	1.063	1.009	1.003	1.021	0.998	0.999	1.020
December	1.000	1.001	1.005	0.991	1.008	1.002	1.035	0.998	0.992	1.023

In This Issue

	Page
Summary	1-2
Seasonally Adjusted Series	
Current Data	3
Historical Data	4
Graphs	5
Seasonally Unadjusted Series	
Historical Data	6-9
Current Data	10-13
Metropolitan Area Statistics	14-45
Technical Notes	46
Employment Security Activities	47
Unemployment Insurance Activities	47

Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jan. 1987	Dec. 1986	Jan. 1986	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,287	5,276	5,218	11	69	0.2	1.3
Employment	4,850	4,861	4,759	-11	91	-0.2	1.9
Unemployment	437	415	459	22	-22	5.3	-4.8
Unemployment Rate	8.3	7.9	8.8				
Employer Survey Data[e]							
Total	4,554	4,532	4,438	22	116	0.5	2.6
Manufacturing	1,107	1,106	1,124	1	-17	0.1	-1.5
Durable Goods	748	750	767	-1	-18	-0.2	-2.4
Nondurable Goods	358	356	357	2	1	0.6	0.2
Nonmanufacturing	3,447	3,426	3,314	21	133	0.6	4.0
Mining	22	22	25	0	-4	0.0	-14.0
Construction	171	165	158	6	12	3.5	7.8
Transportation and Public Utilities	210	210	203	0	7	-0.2	3.4
Wholesale Trade	249	249	245	0	4	0.1	1.5
Retail Trade	840	836	806	4	34	0.5	4.2
Finance, Insurance, and Real Estate	239	237	226	1	13	0.5	5.7
Services	1,032	1,026	974	7	58	0.6	6.0
Government	685	682	677	3	9	0.5	1.3
Goods Producing Industries[f]	1,299	1,292	1,307	7	-9	0.5	-0.7
Service Producing Industries[g]	3,255	3,240	3,130	15	125	0.5	4.0

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	US	
					1985
5,104	4,668	436	8.5	7.4	January
5,109	4,661	448	8.8	7.3	February
5,132	4,657	475	9.3	7.2	March
5,133	4,670	463	9.0	7.3	April
5,084	4,664	420	8.3	7.2	May
5,078	4,645	433	8.5	7.3	June
5,150	4,647	503	9.8	7.3	July
5,132	4,675	457	8.9	7.1	August
5,167	4,701	466	9.0	7.1	September
5,172	4,707	465	9.0	7.1	October
5,192	4,727	465	9.0	7.0	November
5,185	4,754	431	8.3	7.0	December
					1986
5,218	4,759	459	8.8	6.8	January
5,325	4,869	456	8.6	7.2	February
5,297	4,896	401	7.6	7.2	March
5,248	4,823	425	8.1	7.1	April
5,214	4,784	430	8.2	7.2	May
5,204	4,752	452	8.7	7.1	June
5,204	4,777	427	8.2	7.0	July
5,185	4,763	422	8.1	6.8	August
5,163	4,734	429	8.3	7.0	September
5,214	4,810	404	7.7	6.9	October
5,264	4,878	389	7.4	6.9	November
5,276	4,861	415	7.9	6.7	December
					1987
5,287	4,850	437	8.3	6.7	January

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

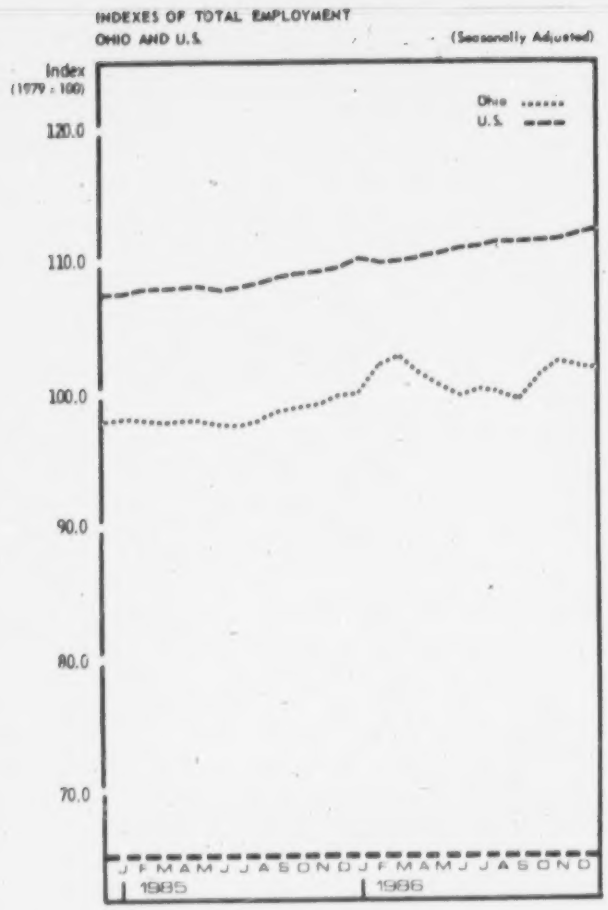
Total Nonagriculture			
	Manufacturing		
		Durable	Nondurable
			1985
4,320	1,133	778	355
4,326	1,133	778	355
4,345	1,130	775	355
4,359	1,127	772	355
4,379	1,128	773	356
4,368	1,124	770	355
4,374	1,122	767	355
4,380	1,119	763	356
4,385	1,114	759	355
4,398	1,117	762	356
4,410	1,120	763	357
4,422	1,123	766	357
			1986
4,438	1,124	767	357
4,440	1,122	764	357
4,440	1,117	760	356
4,459	1,117	761	356
4,464	1,112	756	356
4,466	1,111	755	356
4,472	1,103	749	354
4,484	1,103	748	355
4,488	1,100	744	355
4,497	1,094	739	355
4,517	1,103	747	356
4,532	1,106	750	356
			1987
4,554	1,107	748	358

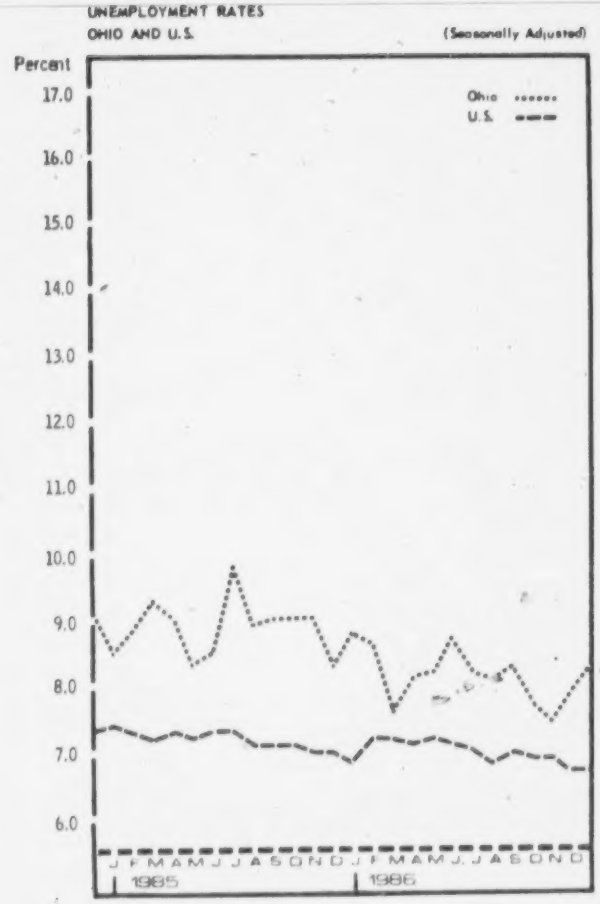
Ohio Nonmanufacturing Wage & Salary Employment

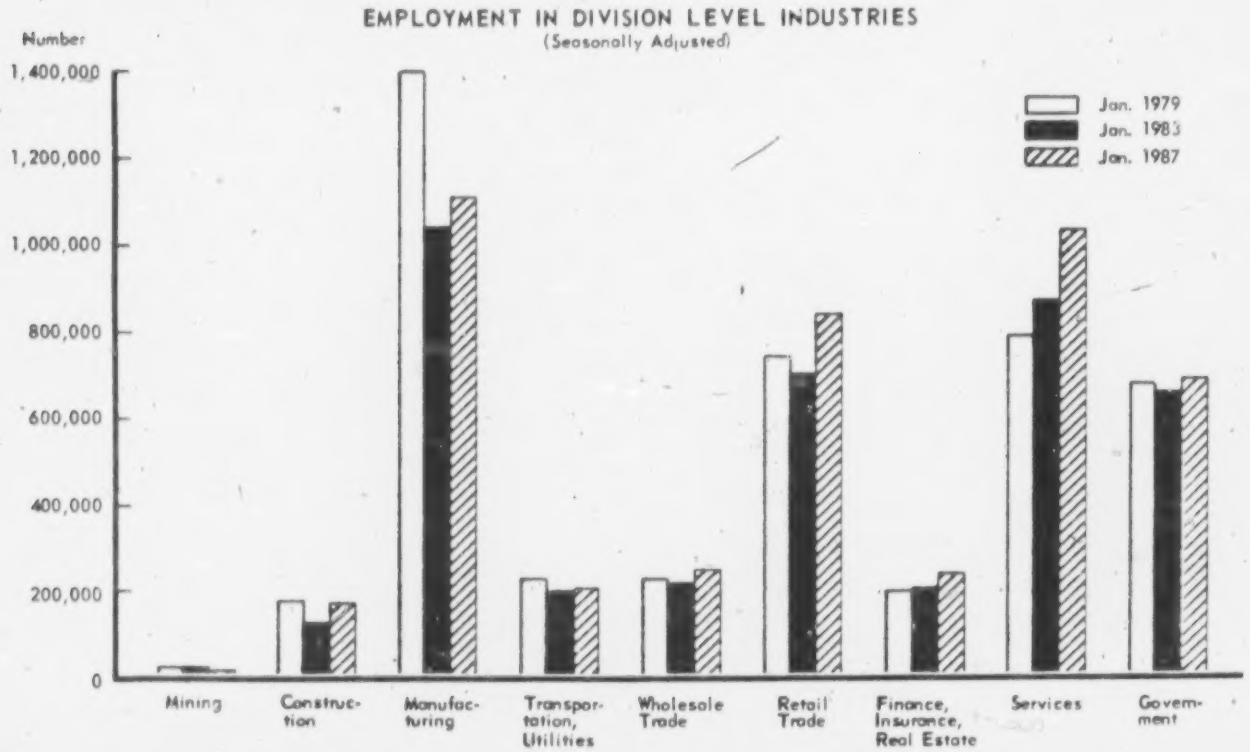
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance Insurance & Real Estate	Services	Government
					1985				
3,187	27	151	202	243	January	771	215	927	652
3,193	27	148	203	243	February	769	216	930	656
3,215	27	152	203	244	March	776	216	935	662
3,232	27	154	203	244	April	782	217	942	664
3,250	27	155	203	245	May	788	218	949	664
3,244	26	154	203	244	June	789	218	948	663
3,252	26	154	202	243	July	790	219	952	667
3,261	25	154	202	243	August	793	220	956	667
3,272	25	155	202	244	September	794	222	959	671
3,280	25	156	202	244	October	798	223	962	670
3,290	25	155	203	244	November	801	224	965	672
3,300	25	158	203	244	December	802	225	969	673
					1986				
3,314	25	158	203	245	January	806	226	974	677
3,319	25	158	202	245	February	809	227	977	676
3,323	24	156	203	244	March	811	227	981	676
3,342	23	161	203	245	April	813	229	989	678
3,352	23	161	203	245	May	816	231	994	679
3,355	22	160	202	245	June	818	231	996	680
3,369	22	160	206	245	July	820	233	1002	680
3,381	22	161	207	246	August	824	234	1005	682
3,388	22	162	208	247	September	826	234	1008	682
3,402	22	162	209	247	October	831	236	1013	682
3,414	22	164	210	247	November	833	236	1020	682
3,426	22	165	210	249	December	836	237	1026	682
					1987				
3,447	22	171	210	249	January	840	239	1032	685

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.


INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)
Index
(1979 = 100)
120.0
110.0
100.0
90.0
80.0
70.0
Ohio
U.S.
J F M A M J J A S O N D J F M A M J J A S O N D
1985
1986


UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)
Percent
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
Ohio
U.S.
J F M A M J J A S O N D J F M A M J J A S O N D
1985
1986


EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)
Number
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
Jan. 1979
Jan. 1983
Jan. 1987
Mining
Construction
Manufacturing
Transportation, Utilities
Wholesale Trade
Retail Trade
Finance, Insurance, Real Estate
Services
Govemment

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,751	4,380	370	7.8	7.7	1976
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,139	4,684	456	8.9	7.2	1985
5,234	4,809	426	8.1	7.0	1986
					1985
5,127	4,652	475	9.3	7.3	January
5,220	4,747	473	9.1	7.8	February
5,233	4,819	415	7.9	7.5	March
5,225	4,811	414	7.9	7.0	April
5,187	4,798	389	7.5	7.0	May
5,267	4,809	458	8.7	7.3	June
5,295	4,882	413	7.8	7.0	July
5,261	4,838	423	8.0	6.7	August
5,189	4,755	434	8.4	6.8	September
5,263	4,855	408	7.8	6.6	October
5,282	4,894	388	7.3	6.8	November
5,259	4,841	418	7.9	6.3	December
					1987
5,198	4,746	452	8.7	7.3	January

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing		
		Durable	Nondurable
4,094.6	1,295.3	910.6	384.6
4,230.1	1,344.1	945.2	398.9
4,394.9	1,377.2	974.5	402.7
4,484.8	1,382.3	980.5	401.8
4,367.4	1,264.3	882.6	381.8
4,317.7	1,232.6	860.4	372.2
4,124.3	1,088.1	732.4	347.5
4,092.5	1,066.0	723.6	342.4
4,260.2	1,127.0	773.4	353.6
4,372.9	1,124.2	768.7	355.5
4,476.2	1,109.3	753.2	356.1
			1985
4,352.2	1,113.5	759.6	353.9
4,348.7	1,109.8	756.7	353.1
4,374.5	1,110.0	757.2	352.8
4,446.7	1,114.1	760.3	353.9
4,491.8	1,112.3	757.2	355.1
4,510.9	1,118.3	760.1	358.2
4,478.3	1,105.8	750.0	355.8
4,488.4	1,107.4	748.4	359.0
4,531.8	1,109.4	748.0	361.4
4,546.2	1,098.4	742.5	356.0
4,563.9	1,105.8	748.1	357.7
4,569.4	1,106.3	749.6	356.7
			1987
4,464.2	1,096.4	741.7	354.7

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	
2,799.3	28.2	154.2	213.7	208.4	1976
2,886.2	29.1	162.8	219.1	214.6	1977
3,019.7	29.0	176.6	225.0	226.0	1978
3,102.5	31.6	182.9	232.1	232.8	1979
3,103.0	30.7	167.4	223.1	230.6	1980
3,086.1	30.9	153.7	217.2	232.8	1981
3,024.4	30.3	134.0	206.8	226.0	1982
3,029.5	28.6	130.8	198.5	222.5	1983
3,133.1	27.8	144.8	203.9	236.7	1984
3,246.6	26.1	154.0	202.7	243.7	1985
3,366.0	22.7	160.8	205.5	246.0	1986
					1986
3,236.7	24.7	133.8	198.0	242.9	January
3,238.8	23.8	126.7	197.5	241.8	February
3,264.5	23.1	133.8	198.9	242.3	March
3,332.8	22.8	151.3	201.8	244.2	April
3,378.5	22.5	162.0	203.2	245.6	May
3,392.6	22.5	169.1	203.7	247.0	June
3,372.5	22.6	175.1	208.1	247.1	July
3,38..0	22.3	179.1	209.9	247.8	August
3,422.4	22.1	180.0	210.8	247.6	September
3,447.7	22.0	180.3	211.4	248.2	October
3,456.0	22.1	174.2	211.2	248.8	November
3,463.1	21.8	163.1	211.5	249.1	December
					1987
3,367.8	21.2	144.5	206.8	246.4	January

Retail Trade	Finance, Insurance & Real Estate	Services	Government
682.4	177.0	702.2	632.2
703.2	183.4	731.4	642.1
730.4	191.1	772.1	667.5
742.4	200.8	806.2	674.0
726.8	203.8	830.9	688.8
727.7	206.8	851.6	678.0
703.4	208.4	857.3	666.6
711.0	207.8	873.3	666.1
748.0	211.5	908.2	665.2
767.9	219.3	949.5	665.2
820.9	231.8	998.8	679.8
			1986
788.0	223.4	945.7	678.0
778.7	224.2	956.8	667.1
784.8	225.3	969.2	690.5
803.5	228.1	990.8	690.1
817.2	230.8	1,003.4	694.8
825.3	233.5	1,012.8	679.5
825.9	236.1	1,013.8	643.5
832.0	236.4	1,015.5	637.7
834.9	235.4	1,021.7	670.0
838.5	235.4	1,019.1	691.8
850.9	236.0	1,018.7	696.1
865.1	237.1	1,017.4	696.0
			1987
821.4	236.3	1,006.5	686.8

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio

Manufacturing Employment

(in thousands)

Manufacturing				Production Workers in Manufacturing		
	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,295.3	910.8	384.6	1976	926.1	$233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.5	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,068.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.6	362.1	33.1
1,124.2	768.7	355.5	1985	773.4	368.7	32.5
1,109.3	753.2	356.1	1986	758.0	368.9	31.9
			1986			
1,113.5	759.6	353.9	January	764.8	373.4	32.3
1,109.8	756.7	353.1	February	761.2	372.5	32.1
1,110.0	757.2	352.8	March	761.5	371.8	32.1
1,114.1	760.3	353.9	April	764.1	367.9	31.9
1,112.3	757.2	355.1	May	761.6	365.9	31.8
1,118.3	760.1	358.2	June	764.9	366.5	32.0
1,105.8	750.6	355.2	July	751.6	359.5	31.1
1,107.4	748.4	359.0	August	753.5	362.7	31.6
1,109.4	748.0	361.4	September	756.4	366.6	32.0
1,098.4	741.5	356.9	October	748.3	360.9	31.3
1,105.8	749.1	356.7	November	755.2	375.4	32.2
1,106.3	749.6	356.7	December	755.4	383.6	32.6
			1987			
1,096.4	741.7	354.7	January	748.9	375.4	31.9

Production Workers Average Weekly Earnings

Manufacturing				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings			
	Durable Goods	Nondurable Goods			Durable Goods	Nondurable Goods			Durable Goods	Nondurable Goods	
$252.54	$268.75	$235.00	1976	41.7	41.6	41.3	1976	$6.10	$6.25	$5.69	
263.08	282.02	256.34	1977	42.0	42.2	41.6	1977	6.74	6.92	6.24	
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73	
325.36	336.40	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25	
347.94	358.57	319.09	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96	
389.78	401.64	358.15	1981	40.8	40.9	40.7	1981	9.53	9.82	8.80	
403.01	414.80	376.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38	
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77	
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02	
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31	
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57	
			1986				1986				
488.25	511.70	434.51	January	42.2	42.5	41.7	January	11.57	12.04	10.42	
488.66	512.90	432.41	February	42.2	42.6	41.3	February	11.58	12.04	10.47	
488.25	512.48	433.46	March	42.2	42.6	41.4	March	11.57	12.03	10.47	
481.54	504.71	426.59	April	41.8	42.2	40.9	April	11.52	11.96	10.43	
480.28	499.80	434.89	May	41.6	42.0	41.3	May	11.49	11.90	10.53	
481.65	500.99	439.71	June	41.9	42.1	41.6	June	11.50	11.90	10.57	
475.89	491.00	436.19	July	41.4	41.4	41.3	July	11.49	11.86	10.61	
481.43	500.99	439.30	August	41.9	42.1	41.6	August	11.49	11.90	10.56	
487.30	507.03	443.72	September	42.3	42.5	41.9	September	11.52	11.93	10.59	
483.53	502.25	444.52	October	41.9	42.1	41.7	October	11.54	11.93	10.66	
497.14	517.80	449.40	November	42.6	42.8	42.0	November	11.67	12.07	10.70	
506.15	531.14	454.92	December	43.1	43.5	42.2	December	11.79	12.21	10.78	
			1987				1987				
502.58	524.96	449.11	January	42.7	43.1	41.7	January	11.77	12.18	10.77	

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio*

Employment

(in thousands)

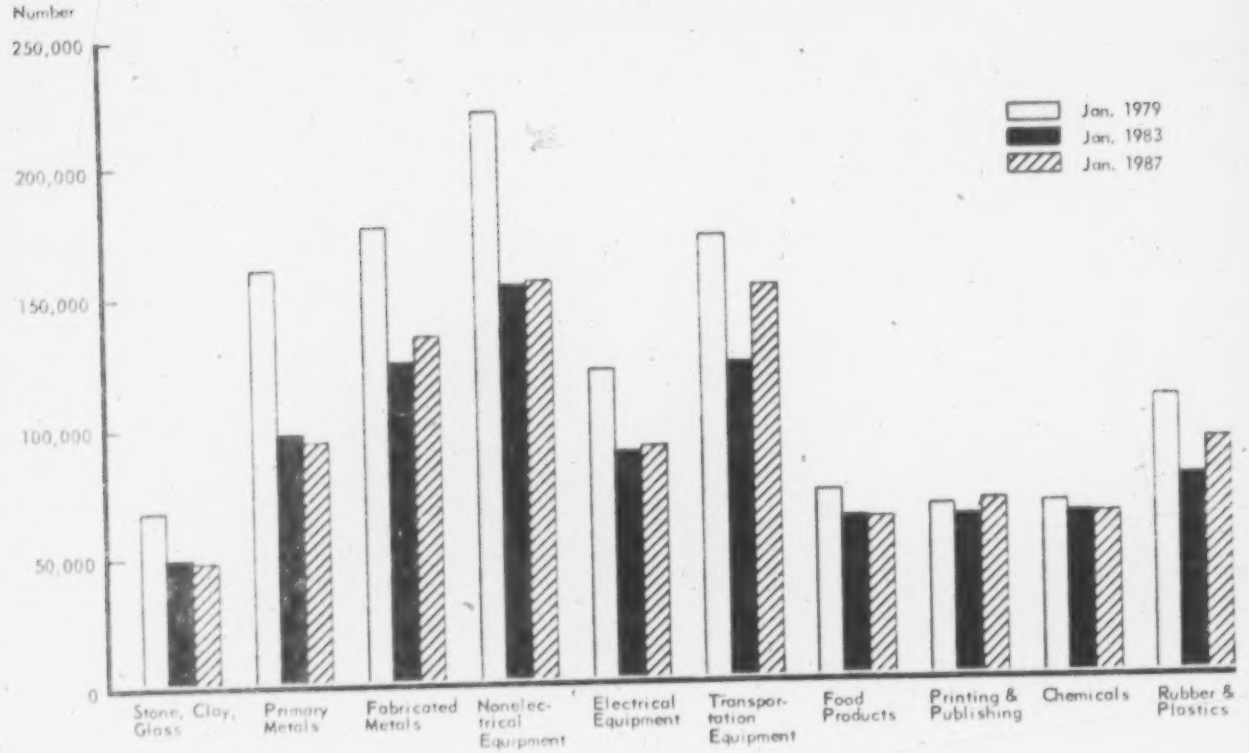
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
66.3	154.5	157.9	1976	205.9	115.5	143.0	1976	73.6	84.5	96.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	85.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	86.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	87.6	108.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	87.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	86.1	89.0
54.2	112.7	134.9	1982	176.9	93.4	121.7	1982	66.9	83.7	80.4
52.1	104.1	129.7	1983	164.3	89.4	132.1	1983	63.6	82.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	83.1	90.8
50.5	101.8	139.5	1985	166.1	90.7	151.2	1985	62.9	84.9	91.4
48.4	95.4	136.8	1986	158.7	89.8	153.5	1986	62.6	86.0	91.5
			1986				1986			
48.2	98.8	137.0	January	161.6	89.9	155.4	January	61.1	87.0	91.8
47.7	98.8	137.0	February	160.5	88.9	155.6	February	60.9	87.0	92.2
48.2	99.0	137.4	March	160.7	89.0	154.3	March	60.7	87.0	92.1
49.6	98.5	137.9	April	160.5	89.6	154.5	April	60.6	86.9	92.4
48.9	98.4	137.6	May	160.3	90.1	150.5	May	61.6	86.1	92.3
50.5	97.2	137.8	June	160.3	89.6	154.0	June	62.6	86.9	92.9
50.4	93.9	135.5	July	159.0	89.1	153.5	July	63.0	86.9	90.2
50.6	91.9	135.5	August	158.3	90.4	151.1	August	66.2	86.9	90.2
50.4	90.1	137.2	September	158.1	90.1	151.2	September	66.8	89.3	91.9
48.6	90.9	136.0	October	157.7	90.1	152.5	October	63.1	89.4	90.6
48.2	93.6	136.3	November	158.0	90.2	153.6	November	62.4	89.4	90.9
49.0	94.1	136.0	December	158.1	90.2	154.4	December	62.7	89.1	91.3
			1987				1987			
47.9	94.0	134.2	January	155.2	90.6	151.6	January	62.2	88.6	9...

Average Weekly Earnings of Production Workers

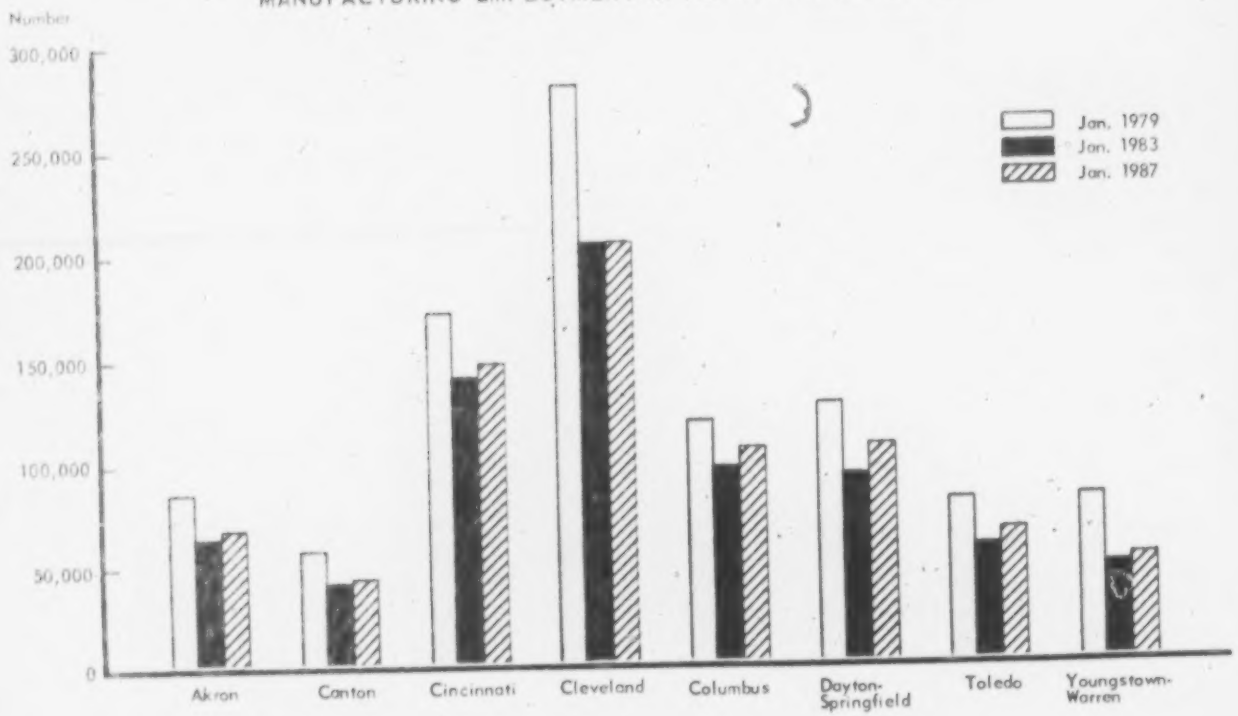
$232.40	$294.58	$256.68	1976	$253.31	$221.54	$302.87	1976	$242.92	$252.20	$237.30
253.95	329.54	280.44	1977	279.18	248.44	359.20	1977	256.54	271.68	263.37
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.41	323.38	1979	329.09	289.27	391.56	1979	304.60	302.69	309.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.69	320.92	323.61
349.02	484.04	388.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.87
376.88	480.54	398.77	1982	392.63	369.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.48	1984	419.19	386.30	419.89
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	428.17
443.81	559.53	494.91	1986	485.18	459.80	632.08	1986	416.83	410.70	438.96
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	648.52	January	405.32	403.37	442.56
434.84	561.19	496.16	February	483.51	460.06	652.24	February	402.98	400.62	438.44
448.37	550.78	506.32	March	488.20	459.80	644.67	March	395.39	408.67	436.86
444.11	546.40	495.01	April	482.22	452.79	632.60	April	390.10	398.91	423.43
446.37	547.80	486.38	May	481.20	451.28	620.54	May	419.67	407.33	433.15
443.56	548.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	443.66
442.24	548.05	472.65	July	473.30	448.11	600.68	July	431.04	406.75	431.36
445.86	566.46	486.99	August	481.85	452.35	616.40	August	422.99	410.80	438.65
447.62	559.68	494.38	September	485.41	464.88	629.31	September	420.33	417.40	441.34
447.44	563.50	488.36	October	482.58	458.77	610.76	October	426.72	418.85	443.23
442.08	583.73	503.01	November	492.33	471.33	646.46	November	423.85	429.37	447.38
441.00	596.23	515.70	December	510.82	489.89	656.48	December	436.77	429.46	444.19
			1987				1987			
444.03	593.16	516.40	January	500.98	476.96	647.01	January	442.00	409.05	440.64

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
TOTAL	4464.2	4569.4	4352.2	-105.2	112.0
MANUFACTURING	1096.4	1106.3	1113.5	- 9.9	- 17.1
Durable Goods[e]	741.7	749.6	759.6	- 7.9	- 18.0
Lumber and wood products	18.2	18.4	16.7	- .2	1.5
Furniture and fixtures	14.5	14.5	14.1	- .1	.3
Stone, clay, and glass products	47.9	49.0	48.2	- 1.1	- .3
Glass and glassware, pressed or blown	10.8	11.0	11.1	- .2	- .2
Primary metal industries	94.0	94.1	98.8	- .2	- 4.8
Blast furnace and basic steel products	42.7	42.1	44.3	.5	- 1.6
Iron and steel foundries	19.3	19.4	20.6	- .2	- 1.4
Nonferrous rolling and drawing	17.1	17.8	18.4	- .7	- 1.3
Fabricated metal products	134.2	136.0	137.0	- 1.7	- 2.8
Cutlery, hand tools, and hardware	10.2	10.3	11.1	- .1	- .9
Fabricated structural metal products	28.8	29.2	28.5	- .4	.3
Metal forgings and stampings	42.9	43.4	43.7	- .5	- .8
Machinery, except electrical	155.2	156.1	161.6	- .8	- 6.4
Construction and related machinery	12.4	12.3	13.5	.1	- 1.1
Metalworking machinery	38.7	40.3	42.0	- 1.6	- 3.3
Special industry machinery	16.9	16.9	17.4	.0	- .5
General industrial machinery	27.4	27.5	29.2	- .1	- 1.8
Office and computing machines	13.4	13.4	13.5	.0	- .1
Refrigeration and service machinery	16.8	16.7	16.6	.1	.2
Electric and electronic equipment	90.6	90.2	89.9	.4	.7
Electrical industrial apparatus	16.9	16.8	17.7	.0	- .8
Household appliances	17.5	17.2	16.6	.4	.9
Electric lighting and wiring equipment	17.9	18.0	18.1	.0	- .1
Communication equipment	10.8	10.8	10.8	.0	.0
Transportation equipment	151.6	154.4	156.4	- 2.8	- 4.8
Motor vehicles and equipment	95.8	98.6	101.7	- 2.8	- 5.9
Aircraft and parts	46.2	46.5	47.5	- .2	.7
Instruments and related products	22.0	23.0	23.3	- .9	- 1.2
Measuring and controlling devices	11.9	12.2	12.3	- .3	- .4
Nondurable Goods[f]	354.7	356.7	353.9	- 2.0	.8
Food and kindred products	62.2	62.7	61.3	- .5	.9
Meat products	9.6	9.6	9.4	- .1	.2
Dairy products	10.2	10.1	9.5	.1	.7
Preserved fruits and vegetables	10.9	10.6	10.6	.3	.2
Bakery products	8.4	8.8	8.4	- .3	.0
Beverages	10.0	10.0	9.6	.0	.4
Apparel and other textile products	16.1	16.4	16.5	- .4	- .5
Paper and allied products	37.5	37.6	37.6	- .1	- .1
Misc. converted paper products	11.8	11.9	12.0	- .1	- .2
Paperboard containers and boxes	12.9	12.8	12.6	.1	.3
Printing and publishing	68.8	69.1	67.8	- .3	1.0
Newspapers	18.5	18.6	18.6	- .1	- .1
Commercial printing	26.0	26.2	25.9	- .3	.1
Chemicals and allied products	63.1	63.3	62.3	- .2	.8
Industrial inorganic chemicals	10.0	10.2	9.9	- .1	.1
Rubber and misc. plastics products	91.3	91.3	91.8	.0	- .5
Tires and inner tubes	17.7	18.0	18.7	- .3	- 1.0
Miscellaneous plastics products	53.8	53.5	52.8	.3	1.0

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
NONMANUFACTURING	3367.8	3463.1	3238.7	- 95.3	129.2
MINING	21.2	21.8	24.7	- .6	- 3.5
Bituminous coal and lignite mining	9.7	9.8	10.6	.0	- .8
Oil and gas extraction	7.3	7.4	10.2	- .1	- 2.9
CONSTRUCTION	144.5	163.1	133.8	- 18.7	10.6
General building contractors	38.9	42.9	35.3	- 4.0	3.7
Heavy construction contractors	14.2	18.8	13.4	- 4.6	.9
Highway and street construction	5.3	8.1	4.2	- 2.8	1.1
Special trade contractors	91.3	101.4	85.2	- 10.1	6.1
TRANSPORTATION AND PUBLIC UTILITIES	204.8	211.5	198.0	- 6.7	6.8
Railroad transportation	14.3	14.9	15.4	- .6	- 1.1
Transportation, except railroads	96.9	102.6	92.5	- 5.7	4.4
Trucking and warehousing	67.6	72.0	65.5	- 4.3	2.1
Communication, electric, gas services	93.6	94.0	90.1	- .4	3.5
Communication	52.3	52.3	48.9	.0	3.4
Electric, gas, and sanitary services	41.3	41.7	41.2	- .4	.1
WHOLESALE TRADE	246.4	249.1	242.9	- 2.7	3.5
Wholesale trade-durable goods	155.8	157.6	154.6	- 1.8	1.2
Motor vehicles & automotive equipment	22.1	22.2	22.5	- .2	- .4
Electrical goods	20.8	21.2	20.7	- .4	.1
Machinery, equipment, and supplies	67.3	67.8	66.8	- .6	.5
Wholesale trade-nondurable goods	90.6	91.5	88.3	- .9	2.3
Groceries and related products	28.9	29.2	27.6	- .3	1.3
RETAIL TRADE	821.4	865.1	788.0	- 43.6	33.4
General merchandise stores	116.7	131.3	116.6	- 14.5	.2
Department stores	104.4	117.7	104.6	- 13.3	- .2
Food stores	128.8	133.4	125.7	- 4.5	3.1
Automotive dealers & service stations	92.1	92.3	87.9	- .3	4.2
Apparel and accessory stores	39.5	42.8	38.0	- 3.3	1.5
Eating and drinking places	281.9	293.3	267.5	- 11.4	14.5
FINANCE, INSURANCE, AND REAL ESTATE	236.3	237.1	223.4	- .9	12.8
Banking	62.2	62.2	60.7	.0	1.5
Credit agencies other than banks	37.6	37.8	34.7	- .2	2.9
Insurance carriers	64.0	64.1	61.1	- .2	2.8
Life insurance	23.6	23.8	23.2	- .3	.4
Fire, marine, and casualty insurance	28.6	28.7	27.9	- .1	.6
SERVICES	1006.5	1017.4	949.7	- 10.9	56.7
Hotels and other lodging places	31.8	32.9	31.2	- 1.1	.7
Personal services	56.4	55.4	53.4	1.0	3.0
Laundry, cleaning, & garment services	18.0	18.5	17.4	- .5	.7
Business services	199.5	201.2	177.7	- 1.7	21.8
Services to buildings	28.8	28.2	26.5	.3	2.0
Computer and data processing services	18.8	18.7	16.7	.1	2.1
Amusement and recreation services	28.8	33.1	27.3	- 4.6	1.3
Health services	352.1	352.0	335.0	.1	17.1
Nursing and personal care facilities	77.5	77.5	73.5	.1	4.1
Hospitals	173.5	173.4	166.2	.1	7.3
Educational services	59.8	61.2	61.3	- 1.5	- 1.5
Colleges and universities	32.3	33.3	33.6	- 1.0	- 1.3
GOVERNMENT	686.8	698.0	676.0	- 11.2	8.8
Federal government	93.2	94.0	93.2	- .7	.0
State government	150.0	156.5	147.5	- 6.5	2.5
State government education	78.6	84.6	78.2	- 6.1	.4
State government, except education	71.4	71.9	69.3	- .4	2.1
Local government	443.6	447.5	437.3	- 4.0	6.3
Local government education	260.7	263.7	254.7	- 3.0	6.0
Local government, except education	182.9	183.8	182.6	- .9	.3

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987[b]	December 1986[c]	January 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]
MANUFACTURING	$502.58	$508.15	$488.25	42.7	43.1	42.2	$11.77	$11.79	$11.57
Durable Goods	524.96	531.14	511.70	43.1	43.5	42.5	12.18	12.21	12.04
Lumber and wood products	287.34	292.09	282.89	40.3	40.4	39.9	7.13	7.23	7.09
Furniture and fixtures	353.36	359.11	328.20	40.9	42.1	39.4	8.64	8.53	8.33
Stone, clay, and glass products	444.03	441.00	437.22	41.0	41.1	40.9	10.83	10.73	10.69
Glass and glassware, pressed or blown	470.49	466.09	466.02	40.7	40.6	40.7	11.56	11.48	11.46
Primary metal industries	593.16	596.23	555.56	44.2	44.1	41.8	13.42	13.53	13.29
Blast furnace and basic steel products	612.77	621.45	531.47	44.5	44.2	39.8	13.77	14.06	13.32
Iron and steel foundries	636.12	635.64	621.19	45.6	45.5	43.0	13.96	13.97	14.45
Nonferrous rolling and drawing	561.89	562.93	598.23	41.9	41.0	42.7	13.89	13.73	14.01
Fabricated metal products	518.40	519.70	500.65	43.2	43.3	42.5	12.00	11.96	11.78
Cutlery, hand tools, and hardware	468.86	484.00	507.16	39.6	40.3	41.3	11.84	12.01	12.28
Fabricated structural metal products	442.05	454.71	423.69	42.1	43.1	42.2	10.50	10.55	10.04
Metal forgings and stampings	676.11	664.02	635.60	45.9	45.7	44.2	14.73	14.53	14.38
Machinery, except electrical	500.98	510.82	480.11	42.6	43.4	42.3	11.76	11.77	11.35
Construction and related machinery	409.85	427.20	404.60	40.7	41.8	40.5	10.07	10.22	9.99
Metalworking machinery	468.68	490.31	456.42	42.3	43.7	42.3	11.08	11.22	10.79
Special industry machinery	461.58	481.00	448.28	42.0	43.1	41.7	10.99	11.16	10.75
General industrial machinery	506.30	526.25	491.91	42.5	43.1	41.9	11.98	12.21	11.74
Office and computing machines	387.06	431.21	374.59	40.7	44.5	41.3	9.51	9.69	9.07
Refrigeration and service machinery	627.97	614.90	610.64	43.7	43.0	44.9	14.37	14.30	13.60
Electric and electronic equipment	478.96	489.99	454.30	42.7	43.2	41.3	11.17	11.34	11.00
Electrical industrial apparatus	450.84	429.87	443.36	41.9	40.1	40.9	10.76	10.72	10.84
Household appliances	521.85	534.60	474.35	44.7	45.0	41.5	11.67	11.88	11.43
Electric lighting and wiring equipment	495.10	532.07	426.19	42.1	43.9	39.1	11.76	12.12	10.90
Communication equipment	462.24	488.38	508.38	40.3	41.6	42.4	11.47	11.74	11.99
Transportation equipment	647.01	656.48	649.52	44.8	45.4	45.2	14.41	14.46	14.37
Motor vehicles and equipment	676.33	674.97	667.82	45.3	45.3	45.8	14.93	14.90	15.02
Aircraft and parts	584.33	623.76	546.41	44.1	46.0	43.4	13.25	13.56	12.59
Instruments and related products	386.33	392.46	357.90	40.3	42.2	39.9	9.09	9.30	8.97
Measuring and controlling devices	378.10	369.33	347.27	39.8	39.5	38.5	9.50	9.35	9.02
Nondurable Goods	449.11	454.82	434.51	41.7	42.2	41.7	10.77	10.78	10.42
Food and kindred products	442.00	436.77	405.32	42.5	42.2	40.9	10.40	10.35	9.91
Meat products	386.43	374.22	386.00	41.4	40.9	40.0	9.31	9.24	9.15
Dairy products	459.43	469.37	427.32	42.5	43.5	42.1	10.81	10.78	10.15
Preserved fruits and vegetables	466.13	422.06	389.09	43.4	41.5	40.7	10.51	10.17	9.56
Bakery products	460.21	462.56	434.69	39.1	39.4	38.4	11.77	11.74	11.32
Beverages	410.78	420.16	415.96	41.2	42.1	40.9	9.97	9.98	10.17
Apparel and other textile products	284.25	272.13	267.67	37.6	37.7	37.7	7.48	7.22	7.10
Paper and allied products	506.52	503.10	481.23	45.1	44.8	44.6	11.24	11.23	10.79
Misc. converted paper products	402.77	468.00	440.67	46.4	45.2	44.2	10.82	10.40	9.97
Paperboard containers and boxes	433.87	434.30	403.76	43.0	43.0	42.5	10.09	10.10	9.50
Printing and publishing	409.05	429.46	403.37	37.7	39.4	38.8	10.85	10.90	10.45
Newspapers	342.38	376.88	329.31	33.6	36.1	33.5	10.19	10.44	9.83
Commercial printing	396.06	414.47	406.58	37.9	39.7	39.9	10.45	10.44	10.19
Chemicals and allied products	523.74	534.06	509.02	42.0	43.0	42.3	12.47	12.42	12.04
Industrial inorganic chemicals	547.96	559.99	552.98	41.2	42.2	42.8	13.30	13.27	12.92
Rubber and misc. plastics products	440.84	444.15	442.96	42.8	43.0	43.3	10.30	10.33	10.23
Tires and inner tubes	645.39	651.88	641.55	48.7	44.5	47.0	13.82	13.75	13.65
Miscellaneous plastics products	426.00	434.02	424.15	42.6	43.1	42.8	10.00	10.07	9.91

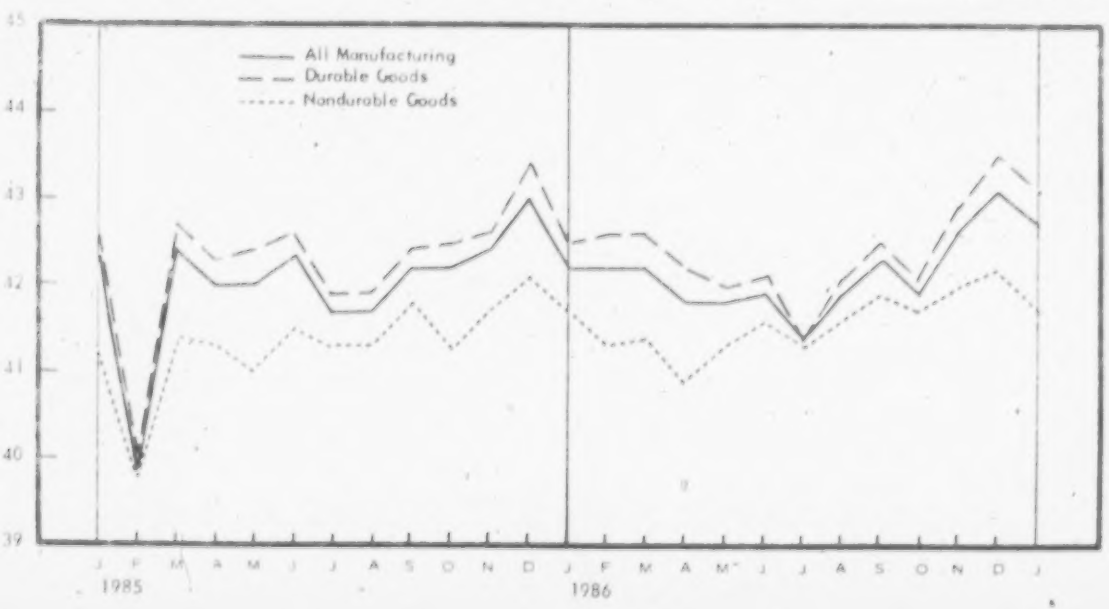
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

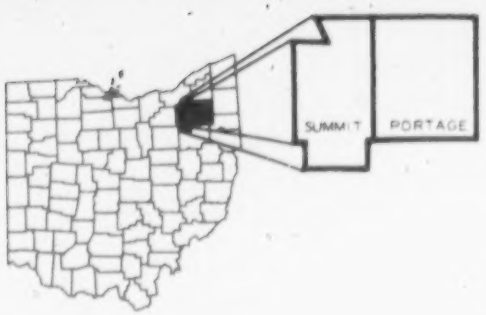
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987[b]	December 1986[c]	January 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]
MINING	$544.28	$551.89	$527.77	46.0	46.4	44.5	$13.37	$13.41	$13.36
Bituminous coal and lignite mining	638.84	648.05	636.23	41.7	42.0	42.7	15.39	15.43	15.20
CONSTRUCTION	562.56	557.78	502.16	38.4	38.1	36.6	14.84	14.81	13.87
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	545.92	553.73	516.65	41.1	41.2	40.3	13.38	13.44	12.83
Communication	549.10	549.02	502.44	41.1	41.1	39.3	13.39	13.39	12.79
Electric, gas, and sanitary services	560.74	559.73	534.42	41.1	41.4	41.7	13.65	13.53	12.82
WHOLESALE TRADE	367.22	379.22	357.77	38.9	39.6	38.1	9.44	9.58	9.39
Wholesale trade-durable goods	364.60	368.24	356.80	39.1	39.8	39.8	9.33	9.25	8.97
Wholesale trade-nondurable goods	371.72	381.72	360.02	38.6	39.6	38.1	9.63	9.64	9.45
RETAIL TRADE	156.62	162.08	153.39	28.0	29.1	28.1	5.59	5.57	5.46
General merchandise stores	170.23	181.52	165.82	29.0	31.1	29.2	5.87	5.84	5.68
Department stores	175.47	186.91	169.48	29.1	31.4	29.2	6.03	5.95	5.80
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	257.03	263.44	245.08	....	....	....	.....	.....	.....
Credit agencies other than banks	247.44	247.74	236.81	....	....	....	.....	.....	.....
Insurance carriers	344.48	343.24	315.38	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	324.34	325.68	313.07	33.3	33.3	33.7	9.74	9.78	9.29

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes miscellaneous manufacturing, ordnance, tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [e]Money payments only; tips not included. Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES

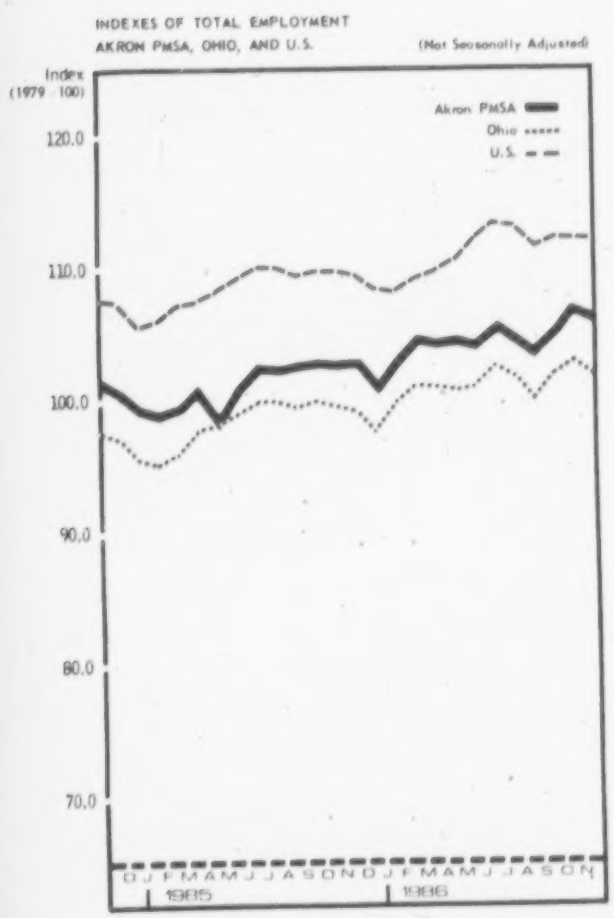


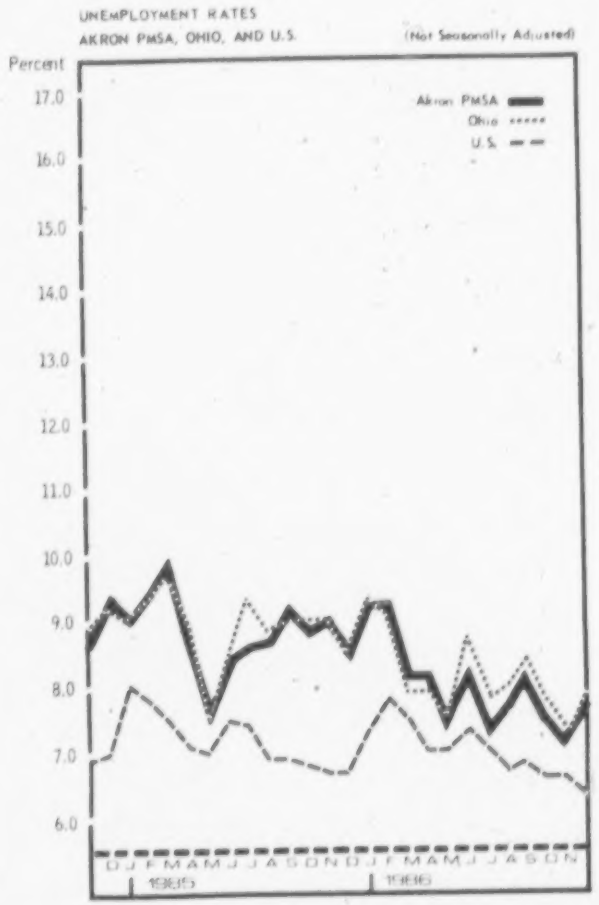
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in the Akron metropolitan area was 259,300 in January, down 7,100 from December. The decrease was concentrated in nonmanufacturing, with seasonal declines in retail trade, state government education, and construction. Manufacturing employment, at 66,800, was down 200. Factory production workers earned an average of $11.42 per hour, down $.03 from December. The average workweek was .4 hours shorter, at 43.1 hours.

Since January 1986, nonfarm employment increased 5,100, due primarily to growth in retail trade, services, and construction. Manufacturing had a slight improvement, due to gains in durable-goods industries.





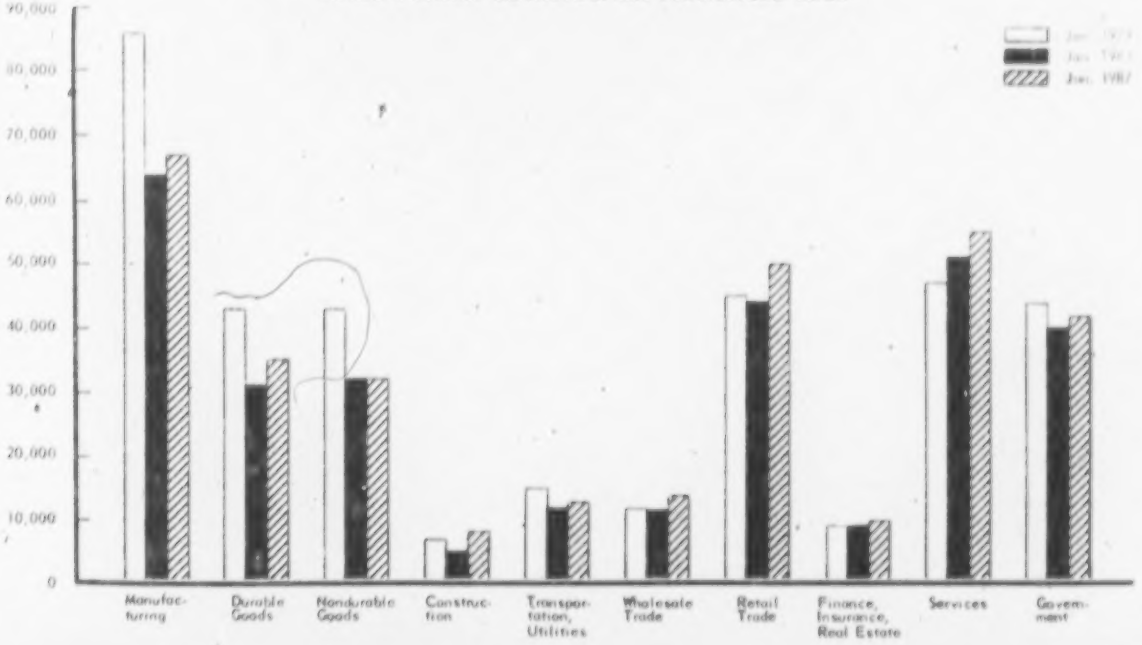
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
							Hours and Earnings			
							Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
291.5	266.5	25.0	8.6	1976	247.3	80.3	44.5	$255.04	42.1	$ 6.02
296.2	274.7	19.5	6.6	1977	259.3	85.6	40.2	288.93	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	40.4	308.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.71
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.89	41.5	8.72
304.1	274.9	29.1	9.6	1981	253.5	75.7	43.7	397.10	41.8	9.50
305.9	268.0	34.9	11.4	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
326.5	295.8	30.6	9.7	1984	252.2	67.9	38.0	473.65	43.7	10.77
315.4	288.5	27.9	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
319.5	293.9	25.6	8.0	1986	260.0	68.8	36.2	484.70	43.7	11.12
				1985						
319.9	293.0	26.9	8.4	December	261.6	67.9	36.9	489.36	44.1	11.21
				1986						
316.0	285.0	31.0	9.7	January	254.2	66.6	36.3	473.97	42.7	11.10
321.6	292.1	29.6	9.2	February	256.6	68.6	36.2	479.70	43.1	11.13
322.5	294.2	28.3	8.8	March	258.0	68.7	36.2	485.80	43.5	11.17
320.7	294.2	26.6	8.3	April	259.0	67.1	36.5	476.87	43.0	11.09
317.5	293.7	23.8	7.4	May	262.0	67.2	36.5	479.58	43.0	11.08
318.0	291.7	26.3	8.3	June	259.8	67.4	36.6	492.12	43.9	11.21
319.0	295.9	23.2	7.3	July	257.6	66.5	35.7	472.86	42.6	11.10
317.2	292.5	24.7	7.8	August	257.1	66.1	35.6	491.81	43.6	11.28
317.0	291.0	26.1	8.2	September	263.9	68.7	36.3	498.16	43.3	11.32
320.4	296.2	24.3	7.6	October	263.9	68.5	36.0	488.93	43.0	11.37
323.4	300.2	23.2	7.2	November	265.7	68.7	36.2	492.62	43.2	11.39
322.3	297.8	24.2	7.8	December	266.4	67.0	36.3	498.09	43.5	11.45
				1987						
156	156	156	156	January	250.3	66.8	36.2	492.70	43.1	11.43

(Not seasonally adjusted)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
TOTAL	259.3	266.4	254.2	- 7.1	5.1
MANUFACTURING	66.8	67.0	66.6	- .2	.2
Durable Goods[e]	34.8	34.9	34.7	- .1	.1
Fabricated metal products	13.0	13.0	12.7	.0	.3
Machinery, except electrical	9.1	9.2	9.5	- .1	- .4
Metalworking machinery	3.0	3.0	3.1	.0	- .1
Nondurable Goods	31.9	32.1	31.9	- .1	.0
Food and kindred products	2.8	2.7	2.7	.1	.1
Chemicals and allied products	2.9	2.9	2.8	.0	.1
Rubber and misc. plastics products	20.7	20.9	21.1	- .2	- .4
Tires and inner tubes	13.4	13.7	14.4	- .3	- 1.0
NONMANUFACTURING	192.5	199.4	187.6	- 6.9	4.9
CONSTRUCTION	7.9	8.9	7.1	- 1.0	.8
TRANSPORTATION AND PUBLIC UTILITIES	12.9	13.2	12.7	- .3	.2
Communication, electric, gas services	5.4	5.4	5.3	.0	.1
WHOLESALE TRADE	13.6	13.8	13.6	- .1	.0
RETAIL TRADE	50.4	53.3	47.8	- 2.9	2.6
General merchandise stores	7.1	8.0	6.8	- .9	.3
FINANCE, INSURANCE, AND REAL ESTATE	10.2	10.3	9.7	- .1	.4
Banking	3.1	3.1	3.1	.0	.0
SERVICES	54.7	55.2	53.7	- .4	1.0
Business services	10.7	10.6	10.4	.1	.3
Amusement and recreation services	2.2	2.4	2.3	- .2	.0
Health services	17.7	17.7	17.6	.0	.1
GOVERNMENT	43.0	44.0	42.1	- 2.0	.1
State government	14.1	15.9	14.3	- 1.8	- .2
State government education	11.2	13.0	11.4	- 1.8	- .2
State government, except education	2.9	2.9	2.9	.0	.0
Local government	25.8	25.8	25.8	- .2	- .1
Local government education	14.3	14.6	14.6	- .3	- .3
Local government, except education	11.5	11.3	11.5	.0	- .2

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

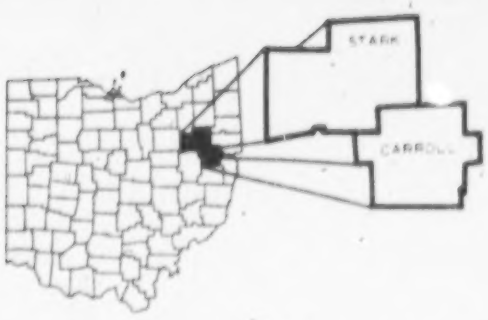
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987	December 1986	January 1986	Jan. 1987	Dec. 1986	Jan. 1986	Jan. 1987	Dec. 1986	Jan. 1986
MANUFACTURING	$430.20	$436.08	$423.87	43.0	43.3	42.7	$11.40	$11.49	$11.21
Durable Goods[b]	506.58	508.15	496.82	45.7	44.1	43.4	12.27	12.34	12.10
Fabricated metal products	442.24	443.88	436.66	43.1	43.2	43.3	10.71	10.77	10.48
Machinery, except electrical	479.71	449.87	448.24	42.0	44.0	43.2	9.80	9.91	9.68
Metalworking machinery	457.35	474.67	476.47	44.1	44.1	45.1	10.25	10.47	10.42
Nondurable Goods	349.54	357.74	351.24	41.1	42.7	42.1	10.60	10.71	10.53
Food and kindred products	441.72	479.67	398.80	45.0	44.2	36.1	10.82	11.10	10.44
Chemicals and allied products	481.80	482.55	454.27	43.2	43.8	41.8	11.44	11.37	10.92
Rubber and misc. plastics products	432.36	428.57	420.29	44.6	44.3	44.3	10.36	10.48	10.17
Tires and inner tubes	732.31	674.96	733.80	50.4	47.8	51.1	14.53	14.04	14.36
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	556.58	558.37	550.60	43.1	43.2	42.9	12.91	12.93	12.83
WHOLESALE TRADE	337.46	330.27	321.28	37.8	37.6	36.2	8.93	8.79	8.88
RETAIL TRADE	197.77	200.12	196.56	31.1	31.7	30.9	6.36	6.31	6.36

[a] See Technical Notes for concepts. [b] Revised. [c] Based on unrounded figures. Includes lumber and wood products; furniture; stone, clay and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. Includes tobacco manufactures, leather and leather products, apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; and rubber and miscellaneous plastics products. Includes mining. [d] Includes agricultural production, agricultural services, forestry, fisheries, and government. Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. Refers to state management issues.

Selected Administrative Program Activities

	January 1987	December 1986	January 1986
Employment Service Program			
New Applicants	2,941	3,113	2,731
Active File of Job Seekers	20,600	20,780	21,208
Referrals to Jobs	1,000	1,021	1,000
Placements	531	589	579
Job Openings Received	1,000	1,111	1,111
Job Openings Unfilled	670	690	1,000
Unemployment Insurance Program			
Initial Claims	5,000	5,000	5,000
Continued Claims	33,000	35,000	33,000
First Payments	3,000	3,000	3,000
Last Payments	2,000	2,000	2,000
Weeks Compensated	22,000	22,000	22,000
Benefits Paid	$4,000,000	$3,000,000	$3,000,000
Average Weekly Payment	$180.00	$180.00	$180.00

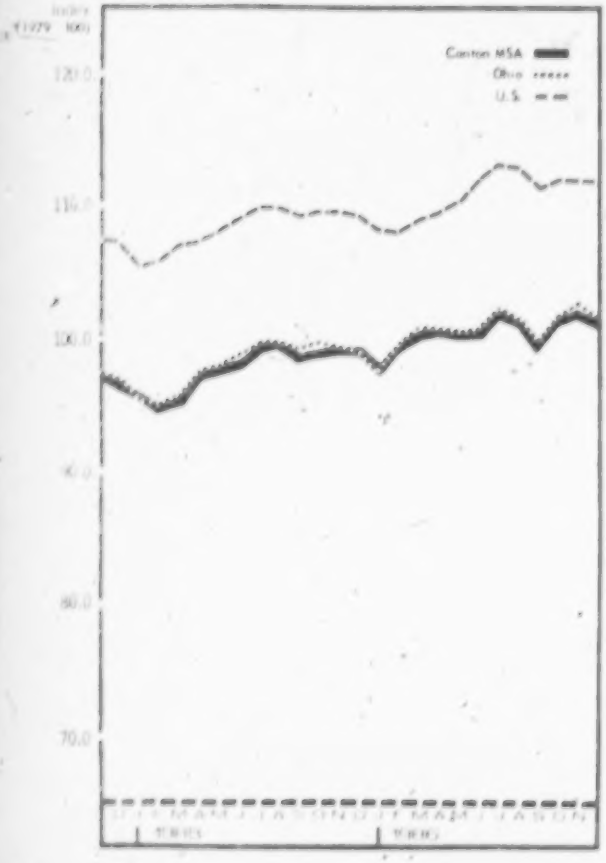
CANTON METROPOLITAN STATISTICAL AREA



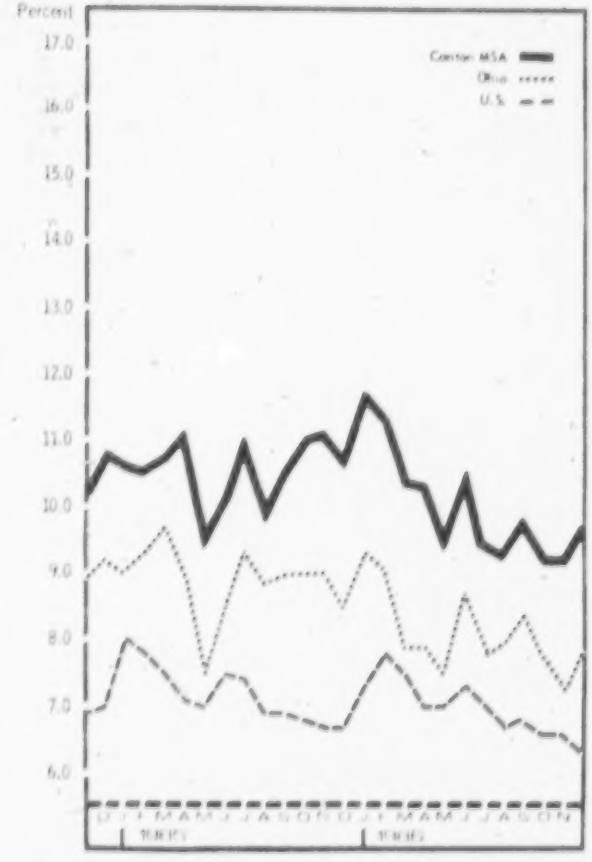
Nonagricultural wage and salary employment for the Canton metropolitan area totaled 151,200 in January, down 3,200 from December. Declines were concentrated in nonmanufacturing, with seasonal losses in retail trade and construction. Scattered minor declines in manufacturing resulted in a net loss for the month, to 42,700. Production workers had an average workweek of 42.6 hours in January, up .8 hours from December. Their average earnings were $11.51 per hour, up $.10.

Nonagricultural employment rose 2,300 between January 1986 and January 1987. Retail trade and services had the greatest increases in the nonmanufacturing sector. The number of manufacturing jobs declined 1,400 over the year as losses were recorded in several durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



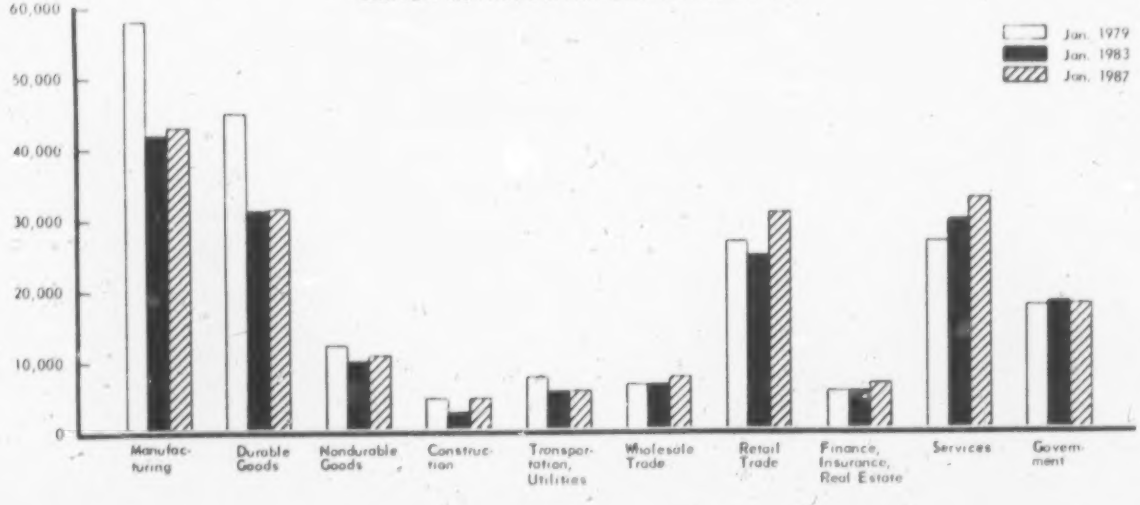
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	$244.73	39.6	$ 6.18
175.8	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	380.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.3	171.0	19.4	10.2	1986	151.8	43.5	30.9	451.76	40.3	11.21
				1985						
192.1	171.8	20.3	10.6	December	153.1	45.1	32.5	448.63	40.2	11.16
				1986						
189.2	166.8	22.4	11.8	January	148.9	44.1	31.4	450.32	40.1	11.23
191.9	170.0	21.9	11.4	February	149.0	44.4	31.8	449.65	40.4	11.13
191.7	171.4	20.2	10.6	March	149.0	44.0	31.3	447.12	40.1	11.15
190.6	170.7	19.9	10.5	April	151.1	44.0	31.4	442.89	39.9	11.10
188.2	170.1	18.0	9.6	May	152.6	44.2	31.6	444.09	39.9	11.13
191.0	170.6	20.4	10.7	June	153.3	44.6	31.9	446.88	39.9	11.20
192.4	173.8	18.6	9.7	July	152.7	44.0	31.3	449.52	40.1	11.21
190.1	172.2	17.9	9.4	August	152.8	44.2	31.5	448.48	39.9	11.24
187.2	168.6	18.6	9.9	September	153.8	44.0	31.4	447.75	39.8	11.25
190.2	172.4	17.7	9.3	October	149.7	38.7	26.2	445.61	40.4	11.03
191.4	173.2	18.0	9.4	November	154.2	43.0	30.5	471.33	41.2	11.44
190.3	171.5	18.7	9.9	December	154.4	42.8	30.2	476.34	41.8	11.41
				1987						
INA	INA	INA	INA	January	151.2	42.7	30.1	490.33	42.6	11.51

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[a] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
TOTAL	151.2	154.4	148.9	- 3.2	2.3
MANUFACTURING	42.7	42.8	44.1	- .1	- 1.4
Durable Goods[d]	31.5	31.5	32.8	.0	- 1.3
Primary metal industries	10.0	9.9	10.0	.0	.0
Fabricated metal products	6.6	6.7	6.9	- .1	- .3
Metal forgings and stampings	2.3	2.3	2.5	.0	- .2
Nondurable Goods[d]	11.2	11.3	11.5	- .2	- .3
Food and kindred products	3.7	3.8	3.8	- .1	- .1
Rubber and misc. plastics products	2.7	2.7	2.9	.0	- .2
NONMANUFACTURING	108.5	111.6	104.8	- 3.1	3.7
CONSTRUCTION	4.3	5.2	4.7	- .9	- .4
TRANSPORTATION AND PUBLIC UTILITIES	5.8	6.0	5.7	- .1	.1
Communication, electric, gas services	2.7	2.7	2.8	.0	- .1
WHOLESALE TRADE	8.0	8.1	7.9	- .1	.0
Wholesale trade-durable goods	4.6	4.6	4.4	.0	.2
RETAIL TRADE	30.6	32.0	29.0	- 1.4	1.6
General merchandise stores	4.1	4.6	3.7	- .4	.4
Food stores	5.1	5.2	4.9	- .1	.2
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.6	6.3	.0	.3
Banking	1.9	1.9	1.9	.0	.0
SERVICES	33.3	33.7	32.2	- .4	1.1
Health services	14.6	14.5	13.8	.1	.8
GOVERNMENT	18.3	18.4	18.2	- .2	.1
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	15.1	15.3	15.1	- .2	.0
Local government education	9.2	9.4	8.9	- .2	.3
Local government except education	5.9	5.9	6.2	.0	- .2

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

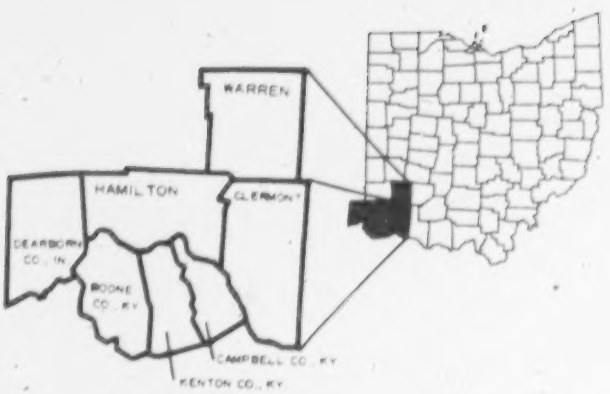
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987[b]	December 1986[c]	January 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]
MANUFACTURING	$490.33	$476.94	$450.32	42.6	41.8	40.1	$11.51	$11.41	$11.23
Durable Goods[d]	515.81	501.17	471.06	43.2	42.4	40.4	11.94	11.82	11.66
Primary metal industries	593.77	547.39	477.41	46.1	43.0	37.8	12.88	12.73	12.63
Fabricated metal products	507.87	502.10	537.07	41.8	42.3	43.7	12.15	11.87	12.29
Metal forgings and stampings	659.98	640.15	682.16	42.8	43.4	43.7	15.42	14.75	15.61
Nondurable Goods[e]	411.28	406.21	389.87	40.6	40.1	39.8	10.13	10.13	9.80
Food and kindred products	446.08	452.24	408.97	41.0	41.3	39.4	10.88	10.95	10.38
Rubber and misc. plastics products	425.12	420.09	468.16	42.3	41.8	44.0	10.05	10.05	10.64
TRANSPORTATION AND PUBLIC UTILITIES[f]	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	540.05	544.66	509.12	41.1	41.2	40.6	13.14	13.22	12.54
WHOLESALE TRADE	368.79	353.35	341.37	37.2	35.8	36.2	9.86	9.87	9.43
RETAIL TRADE[g]	151.43	156.61	153.26	28.2	29.2	28.7	5.37	5.36	5.34

[a]See Technical Notes for concepts [b]Preliminary [c]Revised [d]Based on unrounded figures [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing [f]Includes tobacco manufactures, textile mill products, apparel and other textile mill products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products [g]Includes mining [h]Money payments only, tips not included [i]Depressed due to labor-management disputes

Selected Administrative Program Activities

	January 1987	December 1986	January 1986
Employment Service Program			
New Applicants	1,780	1,709	2,299
Active File of Job Seekers	18,303	17,939	20,415
Referrals to Jobs	968	955	903
Placements	143	178	344
Job Openings Received	361	501	474
Job Openings Unfilled	358	286	218
Unemployment Insurance Program			
Initial Claims	4,560	5,403	6,193
Continued Claims	34,139	28,750	38,075
First Payments	2,285	1,441	2,777
Last Payments	329	317	372
Weeks Compensated	25,815	18,983	31,671
Benefits Paid	$3,716,635	$2,869,280	$4,674,995
Average Weekly Payment	$150.56	$148.78	$151.80

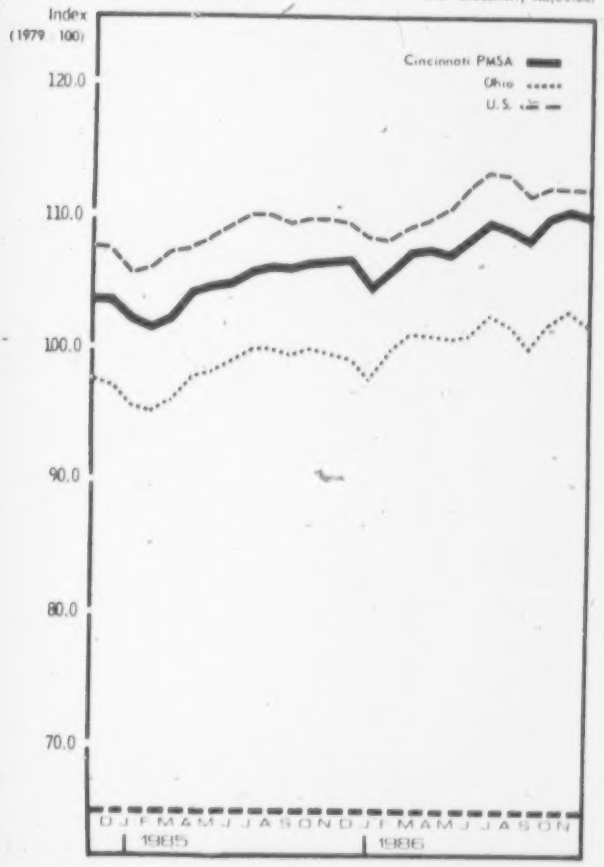
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



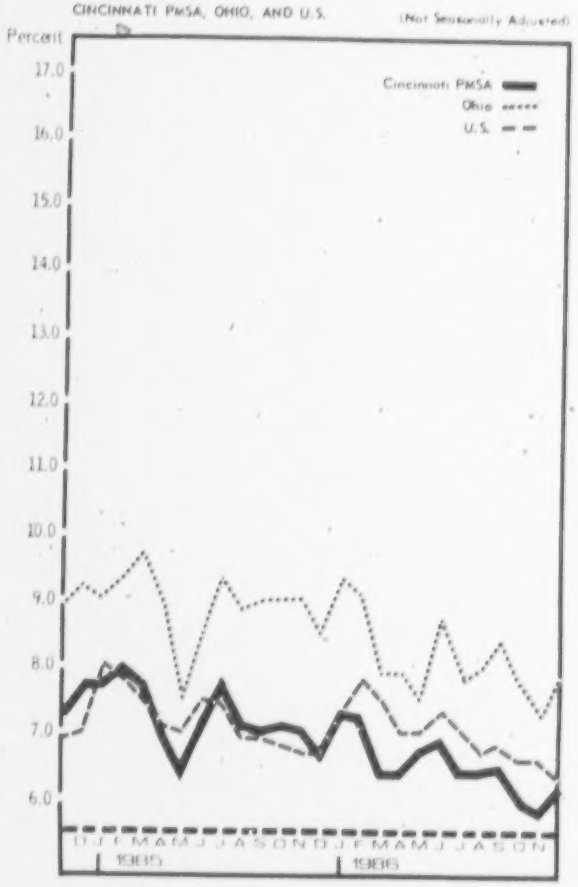
Nonagricultural wage and salary employment in the Cincinnati metropolitan area was 651,700 in January, down 17,400 from December. Nonmanufacturing employment decreased 13,500, due primarily to seasonal losses in retail trade, services, and construction. Manufacturing employment decreased 3,900, to 144,700, due to losses in durable goods, especially motor vehicles and equipment. Production workers in manufacturing worked an average of 42.1 hours per week, down .9 hours from December. Their average hourly earnings were $10.81, down $.17.

Nonagricultural employment rose 21,500 from January 1986. Although all nonmanufacturing industries recorded gains, significant growth was noted in services and retail trade. Manufacturing was down 3,800, with heaviest losses in motor vehicles and equipment and metalworking machinery.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)

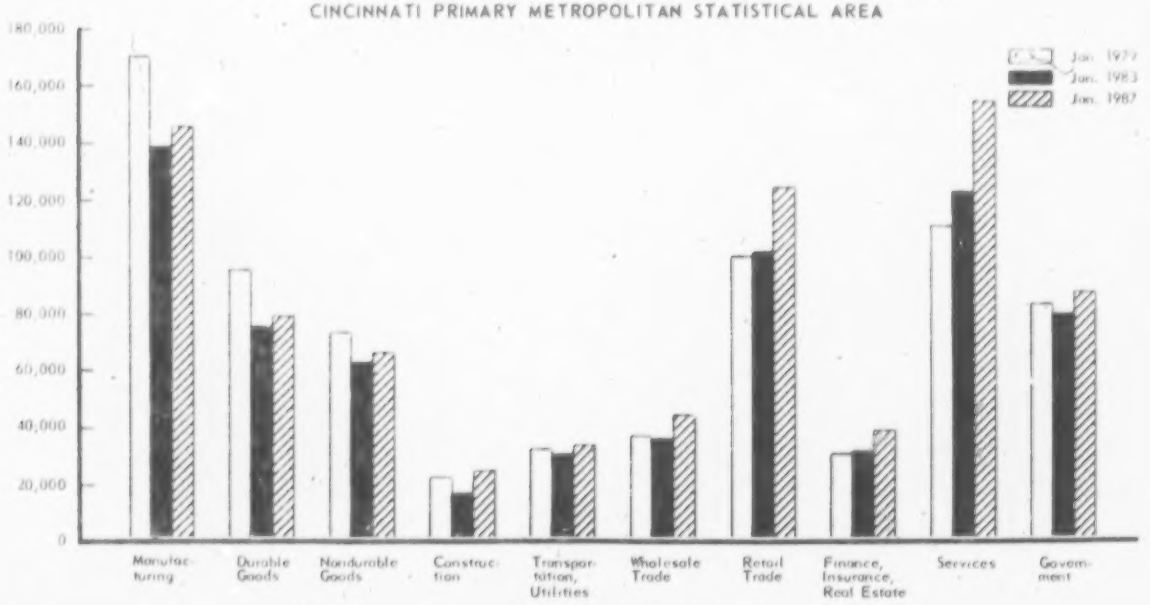


Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
604.8	568.5	36.2	6.3	1976	541.9	159.6	107.8	$232.22	41.1	$ 5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
668.3	613.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
685.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	108.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
686.3	617.4	71.0	10.3	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	630.4	57.5	8.3	1984	600.8	145.0	93.5	441.41	41.8	10.56
708.3	657.3	51.0	7.2	1985	628.1	147.1	95.8	441.74	41.4	10.67
726.5	679.4	47.2	6.5	1986	651.2	147.9	95.7	453.00	42.1	10.76
				1985						
716.7	669.1	47.6	6.6	December	645.9	149.0	97.1	450.85	42.3	10.65
				1986						
708.6	658.7	50.0	7.2	January	630.1	148.5	96.4	447.76	41.9	10.70
717.0	668.1	51.0	7.1	February	629.5	147.8	95.8	445.21	41.3	10.78
720.2	674.8	45.5	6.3	March	633.2	147.0	94.8	449.35	41.6	10.75
721.0	676.4	45.5	6.3	April	644.9	147.0	94.4	441.74	41.4	10.67
721.6	673.3	48.3	6.7	May	643.0	146.2	93.8	444.56	41.0	10.61
730.2	679.4	50.8	7.0	June	654.5	147.9	95.5	443.63	41.7	10.64
734.7	687.5	47.2	6.4	July	652.6	147.5	95.1	444.94	41.7	10.67
730.6	683.1	47.3	6.5	August	655.3	148.7	96.6	452.81	42.2	10.73
725.7	678.0	47.7	6.6	September	653.3	149.3	97.2	456.84	42.3	10.80
735.0	687.7	47.3	6.4	October	655.5	149.2	97.1	459.00	42.5	10.80
738.8	690.2	48.5	6.6	November	667.5	149.4	97.3	474.57	43.3	10.96
738.5	693.0	45.5	6.2	December	669.1	148.6	96.3	472.14	43.0	10.98
				1987						
728	698	30	4.1	January	651.7	144.7	92.0	455.10	42.1	10.81

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
TOTAL	651.7	669.1	630.1	- 17.4	21.6
MANUFACTURING	144.7	148.6	148.5	- 3.9	- 3.8
Durable Goods[e]	78.8	82.6	83.5	- 3.8	- 4.7
Fabricated metal products	11.0	11.1	10.7	- .1	.2
Fabricated structural metal products	4.3	4.3	3.9	.0	.3
Machinery, except electrical	19.9	20.1	21.6	- .3	- 1.8
Metalworking machinery	8.2	8.3	9.5	- .1	- 1.3
General industrial machinery	2.7	2.7	3.1	.0	- .3
Electric and electronic equipment	7.2	7.4	7.9	- .2	- .7
Transportation equipment	26.4	29.2	28.8	- 2.9	- 2.4
Motor vehicles and equipment	5.9	8.7	9.8	- 2.8	- 3.9
Nondurable Goods[e]	65.9	66.0	65.0	- .1	.9
Food and kindred products	13.1	13.2	12.7	- .1	.4
Beverages	3.9	3.9	3.8	.0	.0
Apparel and other textile products	3.4	3.5	3.5	- .1	- .1
Paper and allied products	6.5	6.5	6.0	.0	.5
Printing and publishing	12.9	13.0	13.0	- .1	- .1
Commercial printing	5.5	5.4	5.6	.1	- .1
Chemicals and allied products	22.2	22.3	21.8	- .1	.4
Rubber and misc. plastics products	5.6	5.5	5.5	.1	.0
NONMANUFACTURING	507.0	520.5	481.7	- 13.5	25.3
CONSTRUCTION	25.0	25.7	22.3	- 2.7	2.7
TRANSPORTATION AND PUBLIC UTILITIES	33.7	34.5	32.9	- .8	.7
Trucking and warehousing	8.8	9.7	8.9	- .7	- .1
Communication, electric, gas services	15.2	15.3	14.7	- .1	.5
WHOLESALE TRADE	43.9	43.8	41.8	.0	2.1
Wholesale trade-durable goods	26.2	26.1	25.0	.1	1.2
RETAIL TRADE	124.3	129.9	118.5	- 5.6	5.8
General merchandise stores	19.5	21.4	18.8	- 1.9	.7
FINANCE, INSURANCE, AND REAL ESTATE	38.7	39.0	36.5	- .3	2.2
Banking	8.2	8.2	7.9	.0	.2
Insurance carriers	12.7	12.7	11.9	.0	.8
SERVICES	154.7	157.5	145.2	- 2.9	9.5
Hotels and other lodging places	6.0	6.3	5.6	- .3	.4
Personal services	8.3	8.1	7.9	.2	.4
Business services	35.5	36.6	32.1	- 1.1	3.4
Amusement and recreation services	6.0	7.5	5.3	- 1.4	.8
Health services	50.1	49.9	47.7	.2	2.4
Hospitals	24.0	23.8	23.1	.2	.9
GOVERNMENT	86.5	87.7	84.2	- 1.2	2.3
Federal government	13.9	14.1	13.8	- .1	.1
State government	19.1	19.5	18.9	- .3	.2
State government education	11.2	11.5	11.3	- .3	- .1
State government, except education	7.9	7.9	7.6	.0	.3
Local government	53.5	54.2	51.5	- .7	2.0
Local government education	32.1	32.8	29.9	- .6	2.2
Local government, except education	21.4	21.5	21.6	- .1	- .2

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987[b]	December 1986[c]	January 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]
MANUFACTURING	$455.10	$472.14	$447.26	42.1	43.0	41.8	$10.81	$10.98	$10.70
Durable Goods[d]	483.30	485.27	451.68	42.7	43.6	41.9	10.85	11.13	10.78
Fabricated metal products	415.34	405.32	398.05	43.4	42.8	41.9	9.57	9.47	9.50
Fabricated structural metal products	411.74	411.83	433.62	42.1	42.5	43.8	9.74	9.80	9.87
Machinery, except electrical	414.50	425.83	407.13	42.6	43.1	41.8	9.73	9.88	9.74
Metalworking machinery	454.94	478.95	429.62	43.0	43.9	40.8	10.58	10.91	10.53
General industrial machinery	414.15	408.22	365.16	44.2	43.8	40.8	9.37	9.32	8.95
Electric and electronic equipment	346.02	368.74	369.70	39.5	41.2	41.4	8.76	8.95	8.93
Transportation equipment	681.29	696.83	617.04	45.6	45.3	43.7	14.62	14.86	14.12
Motor vehicles and equipment	763.63	699.85	694.62	47.9	44.8	45.4	15.94	15.51	15.30
Nondurable Goods[e]	446.29	458.34	442.44	41.4	42.4	41.7	10.78	10.81	10.61
Food and kindred products	484.88	491.19	451.52	42.3	43.7	41.5	10.99	11.24	10.88
Beverages	539.40	544.36	509.72	43.5	43.8	42.3	12.40	12.43	12.05
Apparel and other textile products	220.98	206.07	213.40	38.1	37.4	38.8	5.80	5.51	5.50
Paper and allied products	413.86	417.93	395.62	41.7	41.5	41.5	9.92	9.95	9.61
Printing and publishing	439.48	455.20	438.13	39.1	40.0	39.4	11.24	11.38	11.12
Commercial printing	481.43	527.03	502.47	41.9	44.4	42.8	11.48	11.87	11.74
Chemicals and allied products	527.77	527.35	524.03	42.7	42.7	42.5	12.36	12.35	12.33
Rubber and misc. plastics products	369.74	438.24	432.29	40.9	46.0	47.4	9.04	9.13	9.12
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	523.77	532.13	506.97	39.8	40.1	39.3	13.16	13.27	12.90
WHOLESALE TRADE	375.17	383.26	381.11	38.7	40.6	40.5	9.45	9.44	9.41
RETAIL TRADE[f]	159.05	164.96	157.47	28.2	29.3	29.0	5.64	5.63	5.43
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	261.35	256.54	24[illegible].68	....	....	....	.....	.....	.....

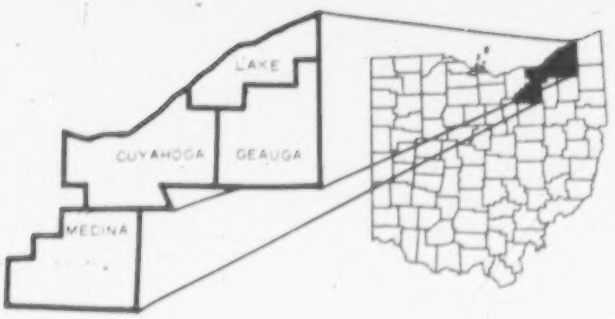
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing; includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [f]Includes mining. [g]Money payments only; tips not included. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	January 1987	December 1986	January 1986
Employment Service Program			
New Applicants	3,813	3,165	5,044
Active File of Job Seekers	25,144	24,488	30,339
Referrals to Jobs	2,114	1,240	1,808
Placements	421	354	452
Job Openings Received	1,182	501	800
Job Openings Unfilled	1,539	1,215	1,649
Unemployment Insurance Program			
Initial Claims	10,512	9,813	7,795
Continued Claims	64,267	50,809	61,390
First Payments	3,910	3,588	4,600
Last Payments	626	579	823
Weeks Compensated	45,992	32,432	50,814
Benefits Paid	$6,837,208	$4,709,850	$7,110,419
Average Weekly Payment	$151.77	$148.68	$142.83

[a]Ohio data only

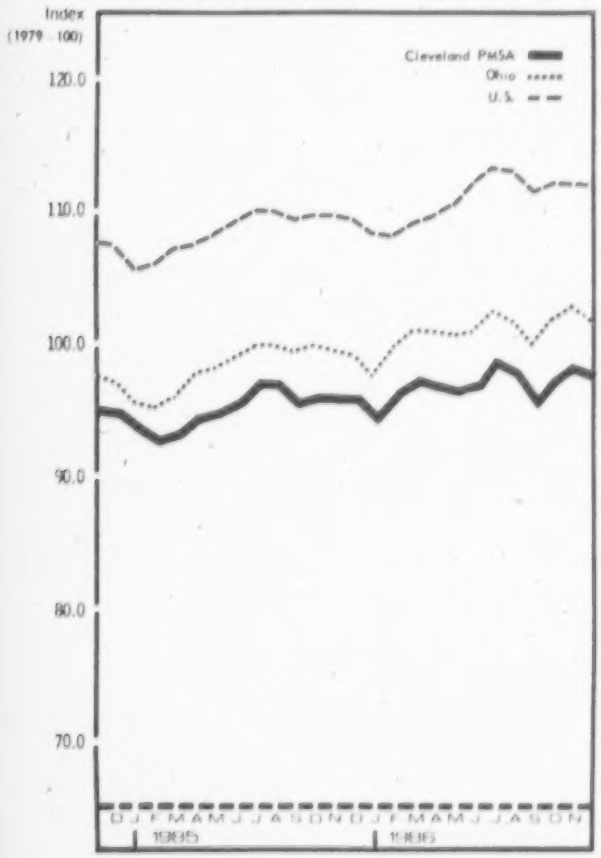
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



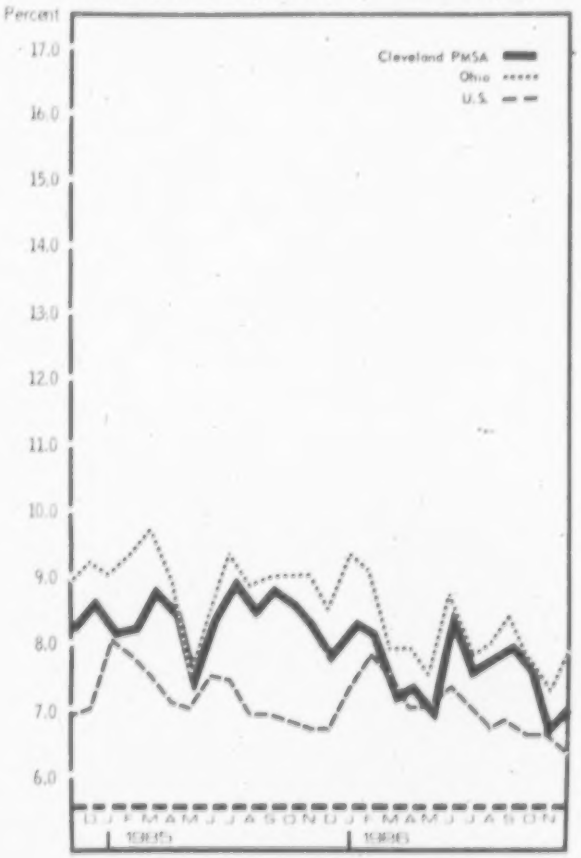
In the Cleveland metropolitan area, nonagricultural wage and salary employment declined 19,700 from December, to 876,800. Nonmanufacturing employment dropped 18,100. Seasonal factors lowered employment in retail trade, services, construction, and government. Manufacturing employment declined 1,600, to 203,800 due primarily to losses in instruments and related products, fabricated metal products, and food and kindred products. Factory production workers earned an average of $11.68 per hour, up $.03 from December. Their average workweek of 43.2 hours was .2 hours shorter.

Nonfarm employment rose 17,500 from January 1986 to January 1987. Nearly all nonmanufacturing industries recorded gains, with the most significant growth occurring in services, retail trade, and finance, insurance, and real estate. Manufacturing employment declined 3,000 over the period, due primarily to losses in instruments and related products and nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



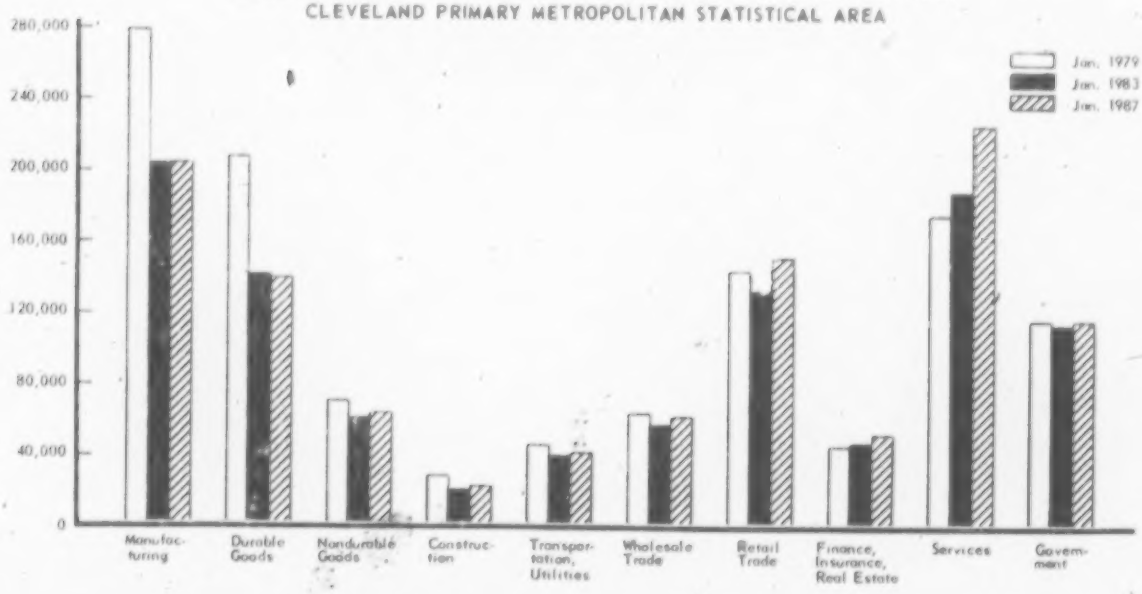
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
807.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	$260.62	41.9	$ 6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.3	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6r	221.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.1	845.5	76.6	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
934.3	864.1	70.2	7.5	1986	880.8	205.5	132.0	481.62	42.1	11.44
				1985						
923.1	851.9	71.1	7.7	December	882.6	209.3	135.4	480.11	42.3	11.35
				1986						
915.0	839.3	75.7	8.3	January	859.3	206.8	133.7	474.01	41.8	11.34
930.3	855.3	75.0	8.1	February	857.0	205.5	132.5	477.24	41.9	11.39
932.5	866.1	66.5	7.1	March	860.7	205.6	132.7	487.60	42.4	11.50
929.7	862.1	67.6	7.3	April	874.0	206.3	133.3	479.76	41.7	11.45
919.8	857.4	62.4	6.8	May	880.6	206.1	133.2	472.69	41.5	11.39
944.5	865.6	78.9	8.4	June	890.8	207.4	133.4	480.36	42.1	11.41
954.6	883.1	71.6	7.5	July	889.6	204.7	130.6	456.75	40.6	11.25
945.4	872.8	72.6	7.7	August	887.6	204.1	130.2	479.94	42.1	11.40
925.5	851.9	73.5	7.9	September	889.4	205.5	131.6	485.06	42.4	11.44
939.0	868.2	70.8	7.5	October	890.6	203.8	129.8	480.36	42.1	11.41
939.3	877.3	62.0	6.6	November	893.9	205.2	131.4	500.39	43.1	11.61
935.9	870.4	65.5	7.0	December	896.5	205.4	131.6	505.61	43.4	11.65
				1987						
INA	INA	INA	INA	January	876.8	203.8	130.5	504.58	43.2	11.68

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
TOTAL	876.8	896.5	859.3	- 19.7	17.5
MANUFACTURING	201.8	205.4	206.8	- 3.6	- 5.0
Durable Goods[e]	139.5	140.5	143.1	- 1.0	- 3.6
Primary metal industries	21.2	21.3	21.6	- .1	- .4
Iron and steel foundries	5.4	5.4	5.6	.0	- .2
Fabricated metal products	32.4	32.6	32.7	- .2	- .3
Fabricated structural metal products	3.8	3.9	3.8	- .1	.0
Screw machine products, bolts, etc.	4.6	4.6	4.7	.0	- .1
Metal forgings and stampings	11.2	11.3	11.2	- .1	.0
Machinery, except electrical	30.4	30.6	31.4	- .2	- 1.0
Construction and related machinery	2.6	2.5	2.5	.1	.1
Metalworking machinery	10.0	10.1	10.4	- .1	- .4
Special industry machinery	3.5	3.5	3.5	.0	.0
General industrial machinery	2.8	2.8	2.9	.0	- .1
Electric and electronic equipment	19.3	19.1	20.0	.2	- .7
Electrical industrial apparatus	6.8	6.8	7.0	.0	- .2
Transportation equipment	19.8	19.9	19.9	- .1	- .1
Motor vehicles and equipment	12.6	12.5	12.8	.1	- .2
Instruments and related products	6.6	7.2	7.9	- .6	- 1.3
Measuring and controlling devices	4.7	4.3	4.3	.4	.4
Nondurable Goods	64.6	64.9	63.7	- .3	.9
Food and kindred products	6.7	6.9	6.5	- .2	.2
Apparel and other textile products	4.3	4.4	4.7	- .1	- .4
Paper and allied products	5.5	5.5	5.4	.0	.1
Printing and publishing	16.6	16.6	16.0	.0	.6
Chemicals and allied products	14.5	14.6	14.2	- .1	.3
Rubber and misc. plastics products	11.8	11.9	11.8	- .1	.0
NONMANUFACTURING[f]	673.0	691.1	652.5	- 18.1	20.4
CONSTRUCTION	22.5	29.1	23.0	- 6.6	- .5
TRANSPORTATION AND PUBLIC UTILITIES	41.4	42.5	40.3	- 1.1	1.1
Trucking and warehousing	11.6	12.5	11.0	- .9	.6
Communication, electric, gas services	18.8	18.8	18.7	.0	.1
WHOLESALE TRADE	61.9	62.5	62.1	- .7	- .2
Wholesale trade-durable goods	42.8	43.4	43.5	- .6	- .7
RETAIL TRADE	161.0	159.5	147.4	1.5	13.6
General merchandise stores	20.9	22.8	21.0	- 2.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	53.1	53.4	49.8	- .3	3.3
Banking	13.2	13.2	12.8	.0	.4
Credit agencies other than banks	8.9	8.9	8.0	.0	.9
Insurance carriers	12.7	12.8	11.9	- .1	.8
SERVICES	226.1	229.2	214.2	- 3.1	11.9
Business services	50.8	51.3	47.1	- .5	3.7
Amusement and recreation services	6.1	6.8	6.1	- .7	.1
Health services	73.1	73.2	69.7	- .1	3.4
Hospitals	42.6	42.3	38.8	.3	3.8
GOVERNMENT	118.0	117.8	114.6	.2	3.4
Federal government	20.1	20.2	20.1	- .1	.0
State government	8.1	8.3	7.9	- .2	.2
State government education	2.9	3.3	3.0	- .4	- .1
State government, except education	5.3	5.0	5.0	.3	.3
Local government	87.8	89.3	86.6	- 1.5	1.2
Local government education	42.5	43.6	42.0	- 1.1	.5
Local government, except education	45.3	45.6	44.6	- .3	.8

Hours & Earnings of Production or Nonsupervisory Workers[1]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
MANUFACTURING									
Durable Goods[2]									
Primary metals industries									
Iron and steel foundries									
Fabricated metal products									
Fabricated structural metal products									
Screw machine products, bolts, etc.									
Metal forgings and stampings									
Machinery, except electrical									
Construction and related machinery									
Metalworking machinery									
Special industry machinery									
General industrial machinery									
Electric and electronic equipment									
Electrical industrial apparatus									
Transportation equipment									
Motor vehicles and equipment									
Instruments and related products									
Measuring and controlling devices									
Nondurable Goods									
Food and kindred products									
Apparel and other textile products									
Paper and allied products									
Printing and publishing									
Chemicals and allied products									
Rubber and misc. plastics products									
TRANSPORTATION AND PUBLIC UTILITIES									
Communication, electric, gas services									
WHOLESALE TRADE									
RETAIL TRADE									
FINANCE, INSURANCE, AND REAL ESTATE									
Banking									
SERVICES									
Health services									
Hospitals									

[1]See Technical Notes for concepts. [2]Preliminary. [3]Revised. [4]Based on unrounded figures. [5]Includes other and miscellaneous stone, clay and glass products. [6]Miscellaneous manufacturing. [7]Includes tobacco manufactures, textile mill products, furniture and fixtures, paper and allied products, leather products. [8]Includes mining. [9]Money payments only; figs not included. [10]Includes State universities. [11]Excludes the agriculture extension service and the Ohio Department of Education. [12]Depressed due to labor-management dispute.

Selected Administrative Program Activities[1]

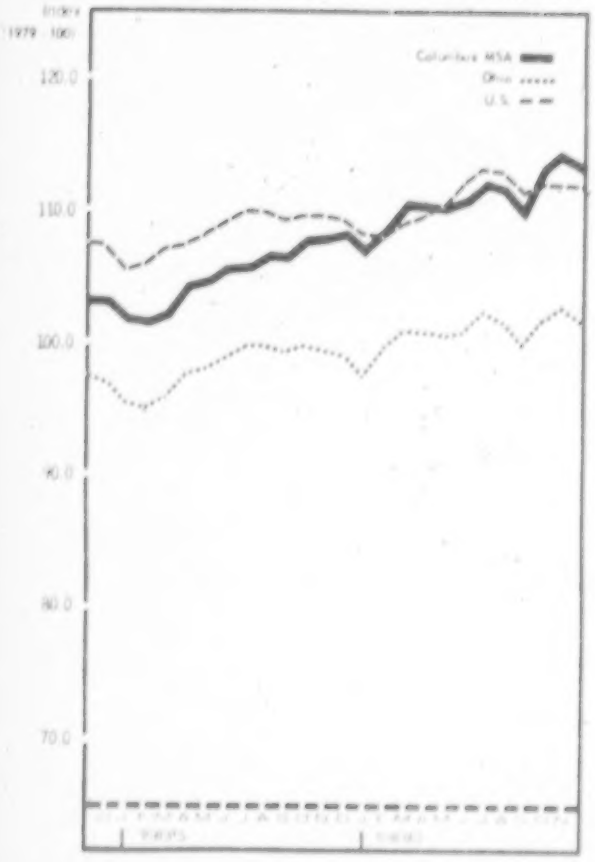
Employment Service Program			
New Applicants			
Active File of Job Seekers			
Referrals to Jobs			
Placements			
Job Openings Received			
Job Openings Unfilled			
Unemployment Insurance Program			
Initial Claims			
Continued Claims			
First Payments			
Last Payments			
Weeks Compensated			
Benefits Paid			
Average Weekly Payment			

COLUMBUS METROPOLITAN STATISTICAL AREA

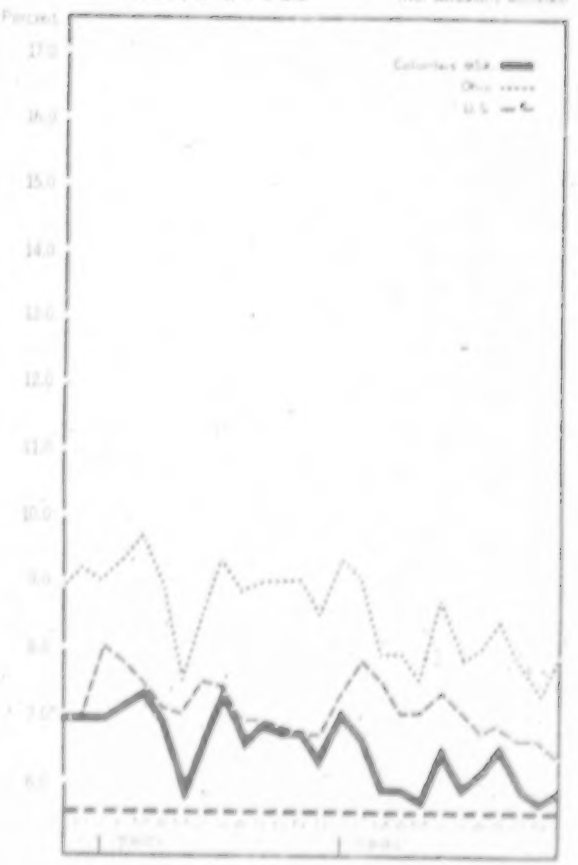
Nonagricultural wage and salary employment in the Columbus metropolitan area declined 13,600 from December to 636,900. Nonmanufacturing employment decreased 13,000 due to seasonal losses in retail trade, construction, government, and services. Manufacturing dropped 600, to 105,300, with declines concentrated in stone, clay, and glass products and fabricated metal products. Manufacturing production workers earned an average of $11.47 per hour, up $.05. Their average workweek was 41.2 hours, down slightly from December.

Since January 1986, nonagricultural employment rose 27,500, due to growth in services, retail trade, finance, insurance, and real estate, and government. Manufacturing employment was down 700 during the period with losses in durable goods, especially fabricated metal products, overshadowing growth in nondurable goods.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



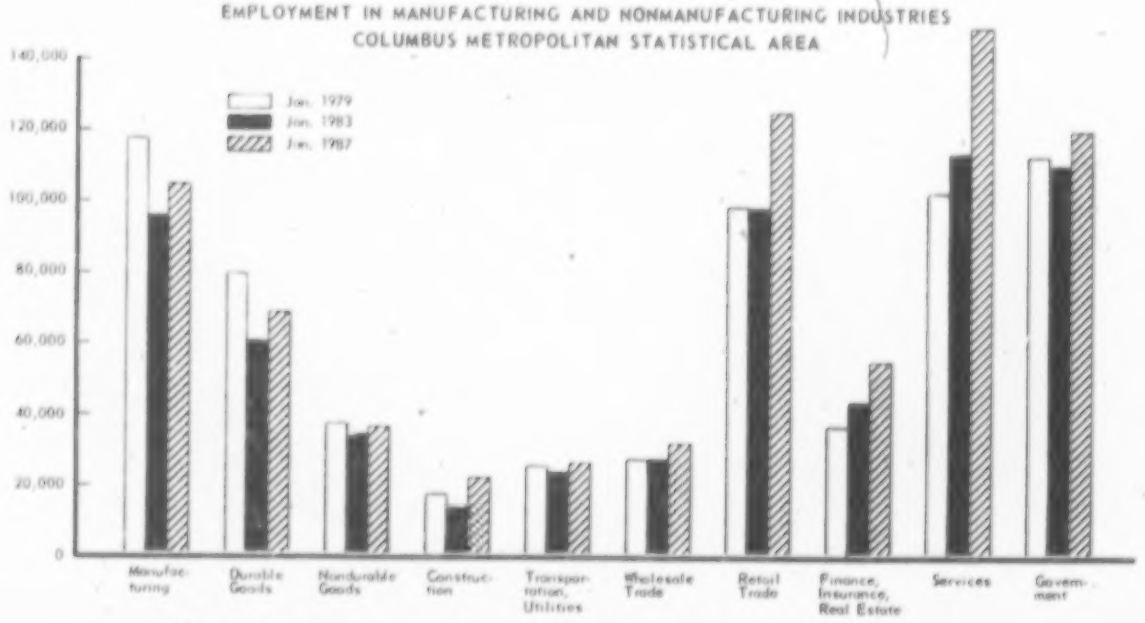
Columbus MSA Labor Force & Employment Data

(Employment & Unemployment in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employment					Manufacturing Employment				
		Unemployment					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	500.0	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.0	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
567.7	507.4	60.3	9.5	1983	549.5	98.7	INA	INA	INA	INA
635.6	588.3	47.2	7.8	1984	576.4	104.7	69.5	$470.08	40.5	$10.62
650.4	608.7	43.7	6.7	1985	603.6	108.1	70.8	462.95	40.9	10.83
671.7	634.4	41.3	6.1	1986	630.4	109.7	70.7	461.14	41.1	11.22
				1985						
665.3	624.3	41.0	6.2	December	622.8	108.7	71.2	463.14	41.8	11.08
				1986						
666.8	610.6	56.2	7.8	January	609.6	105.0	70.7	451.95	40.3	11.05
680.5	624.0	56.5	8.7	February	610.0	105.9	70.8	453.66	41.0	11.08
672.5	635.2	37.2	5.8	March	613.9	108.2	70.9	460.50	41.3	11.15
671.5	637.2	34.1	5.8	April	624.3	108.6	71.3	462.64	41.4	11.17
667.4	629.7	37.7	5.6	May	630.2	109.3	70.9	461.44	41.2	11.20
670.8	632.7	41.1	6.5	June	634.1	108.2	70.7	460.63	41.0	11.23
673.6	640.1	33.5	5.8	July	628.0	108.1	70.3	458.18	40.8	11.23
673.2	637.7	41.5	6.1	August	631.9	108.3	70.6	461.66	41.0	11.26
671.2	626.7	44.4	6.6	September	638.6	107.4	71.5	465.98	41.3	11.28
667.8	667.1	40.7	5.9	October	645.0	109.2	69.5	459.82	40.8	11.27
691.1	652.5	38.7	5.6	November	648.7	108.1	70.6	467.93	41.3	11.33
688.7	648.6	40.0	5.8	December	650.5	105.9	70.4	472.79	41.4	11.42
				1987						
INA	INA	INA	INA	January	636.0	105.3	70.0	472.56	41.2	11.47

(INA = Information not available)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	January 1987[b]	December 1986[b]	January 1986[b]	From Last Month	From Last Year
TOTAL	638.6	650.5	609.4	-11.9	29.2
MANUFACTURING	105.1	105.9	100.2	-.8	4.9
Durable Goods[c]	68.6	69.1	63.3	-.5	5.3
Stone, clay and glass products	11.3	11.7	11.0	-.4	.3
Glass and glassware, pressed or blown	4.5	4.8	4.4	-.3	.1
Fabricated metal products	9.8	9.7	10.0	.2	-.2
Fabricated structural metal products	2.8	2.8	3.0	.0	-.2
Machinery, except electrical	9.4	9.3	9.0	.1	.4
Electric and electronic equipment	11.3	11.2	11.0	.1	.3
Transportation equipment	16.0	15.9	15.4	.1	.6
Instruments and related products	4.0	4.1	4.0	-.1	.0
Nondurable Goods	36.7	36.8	36.1	-.1	.6
Food and kindred products	10.0	10.1	9.7	-.1	.3
Printing and publishing	8.7	8.8	8.8	-.1	-.1
Chemicals and allied products	7.1	7.1	7.0	.0	.1
Rubber and misc. plastics products	5.3	5.3	5.4	.0	-.1
NONMANUFACTURING	533.5	544.6	509.1	-11.0	24.4
CONSTRUCTION	22.8	25.1	20.4	-2.3	2.4
TRANSPORTATION AND PUBLIC UTILITIES	27.0	28.4	25.4	-1.4	1.6
Trucking and warehousing	10.8	11.6	10.2	-.8	.6
Communication, electric, gas services	15.1	15.3	11.4	-.1	.7
WHOLESALE TRADE	32.2	32.6	31.4	-.3	.8
Wholesale trade-durable goods	21.1	21.3	20.5	-.2	.6
RETAIL TRADE	125.2	132.2	120.4	-7.0	4.8
General merchandise stores	18.2	20.5	17.5	-2.3	.7
FINANCE, INSURANCE AND REAL ESTATE	54.8	55.1	51.2	-.3	3.7
Banking	11.8	11.7	11.2	.1	.6
Insurance carriers	21.0	21.1	20.5	-.1	.6
SERVICES	148.2	148.6	137.0	-.7	11.1
Business services	33.7	33.8	29.3	-.1	4.4
Health services	38.8	38.9	37.5	-.2	2.0
Hospitals	16.9	16.9	16.2	.0	.6
GOVERNMENT	119.6	120.5	116.7	-.9	2.9
Federal government	15.4	15.5	15.5	-.1	-.1
State government	52.7	53.6	51.3	-.9	1.4
State government education	23.1	23.9	22.7	-.8	.4
State government except education	29.6	29.7	28.6	-.1	1.0
Local government	51.4	51.4	50.0	.1	1.5
Local government education	31.0	30.9	29.8	.1	1.2
Local government except education	20.4	20.4	20.2	.0	.2

Columbus MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

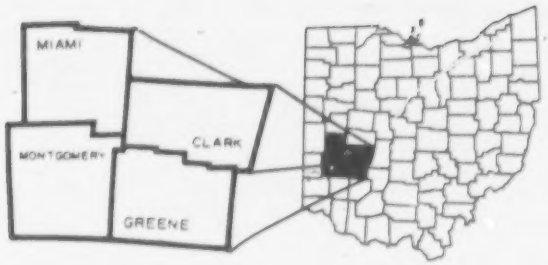
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987[b]	December 1986[c]	January 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]
MANUFACTURING	$472.56	$472.79	$451.95	41.2	41.4	40.9	$11.47	$11.42	$11.05
Durable Goods[d]	483.21	481.97	467.81	41.3	41.3	41.0	11.70	11.67	11.41
Stone, clay and glass products	450.41	443.90	461.76	38.3	38.3	39.5	11.76	11.59	11.69
Glass and glassware, pressed or blown	419.39	417.79	429.03	38.3	38.4	37.9	10.95	10.88	11.32
Fabricated metal products	497.67	488.44	498.96	41.3	40.4	40.5	12.05	12.09	12.32
Fabricated structural metal products	453.26	440.40	377.89	42.6	42.0	38.6	10.64	10.70	9.79
Machinery, except electrical	452.15	451.78	410.04	42.1	41.6	40.2	10.74	10.86	10.20
Electric and electronic equipment	450.15	466.48	470.30	40.3	41.3	41.4	11.17	11.35	11.36
Transportation equipment	584.33	581.64	538.59	44.1	44.4	43.4	13.25	13.10	12.41
Instruments and related products	429.17	429.94	371.33	42.2	42.4	39.8	10.17	10.14	9.33
Nondurable Goods	450.69	451.52	414.93	41.1	41.5	40.6	10.97	10.86	10.27
Food and kindred products	448.93	425.32	393.96	41.8	40.7	40.2	10.74	10.45	9.80
Printing and publishing	509.34	530.15	483.88	39.0	40.5	38.5	13.06	13.09	12.29
Chemicals and allied products	549.97	543.56	503.37	43.0	42.8	42.3	12.79	12.70	11.90
Rubber and misc. plastics products	340.61	340.72	329.60	40.5	41.5	41.2	8.41	8.21	8.00
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	574.03	572.24	522.57	41.9	41.8	39.8	13.70	13.69	13.13
WHOLESALE TRADE	342.62	344.31	309.60	37.9	38.6	38.7	9.04	8.92	8.00
RETAIL TRADE	165.79	176.09	168.78	28.1	29.3	29.0	5.90	6.01	5.82
FINANCE, INSURANCE AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	249.71	249.75	240.40	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	320.69	322.65	315.10	33.9	34.2	34.4	9.46	9.44	9.16

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, not reported. [i]Includes State universities, State schools for the deaf and blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1987	December 1986	January 1986
EMPLOYMENT SERVICE PROGRAM			
New Applicants	7,644	4,261	6,071
Active File of Job Seekers	37,587	35,368	42,332
Referrals to Jobs	2,409	1,599	2,300
Placements	421	465	302
Job Openings Received	1,556	1,162	1,309
Job Openings Unfilled	4,364	4,159	6,562
Unemployment Insurance Program			
Initial Claims	8,729	7,759	9,864
Continued Claims	56,738	49,655	67,675
First Payments	4,271	2,637	4,737
Last Payments	655	655	721
Weeks Compensated	46,682	35,962	52,946
Benefits Paid	$6,934,649	$5,368,442	$7,689,739
Average Weekly Payment	$152.05	$152.87	$148.66

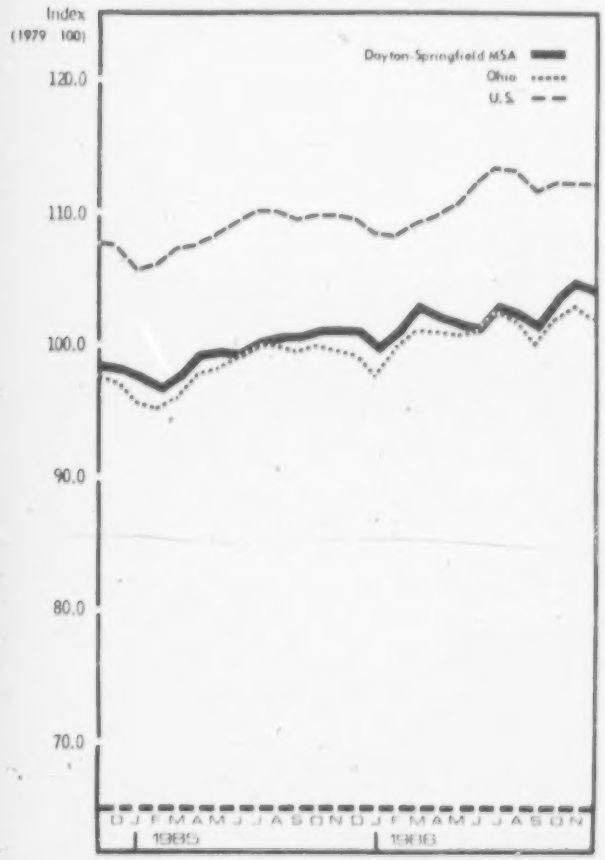
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



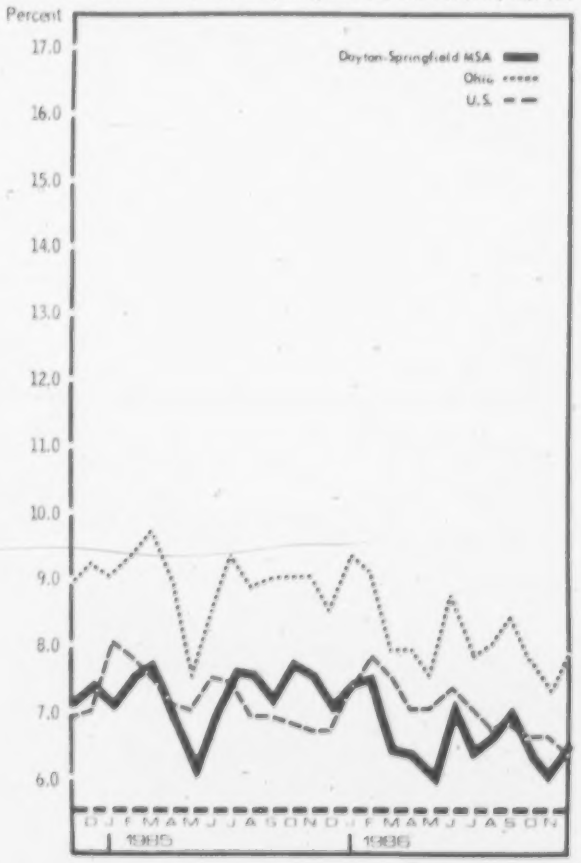
Nonagricultural payroll employment in the Dayton-Springfield MSA in January dropped 8,200 from December to 423,900. Employment in nonmanufacturing fell 7,500 with decreases in retail trade, construction, and services. Manufacturing employment dropped 700, to 105,800 in January, due to declines in durable goods. Production workers in manufacturing worked an average of 42.0 hours per week in January, down .8 hours. They earned $11.90 an hour, unchanged from December.

From January 1986, Dayton-Springfield's nonagricultural wage and salary employment rose 14,000. Nearly all of the increase occurred in nonmanufacturing, with significant improvements in services, retail trade, and construction. Gains in electric and electronic equipment and transportation equipment were partially offset by losses in nonelectrical machinery, raising manufacturing employment 500 over the year.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



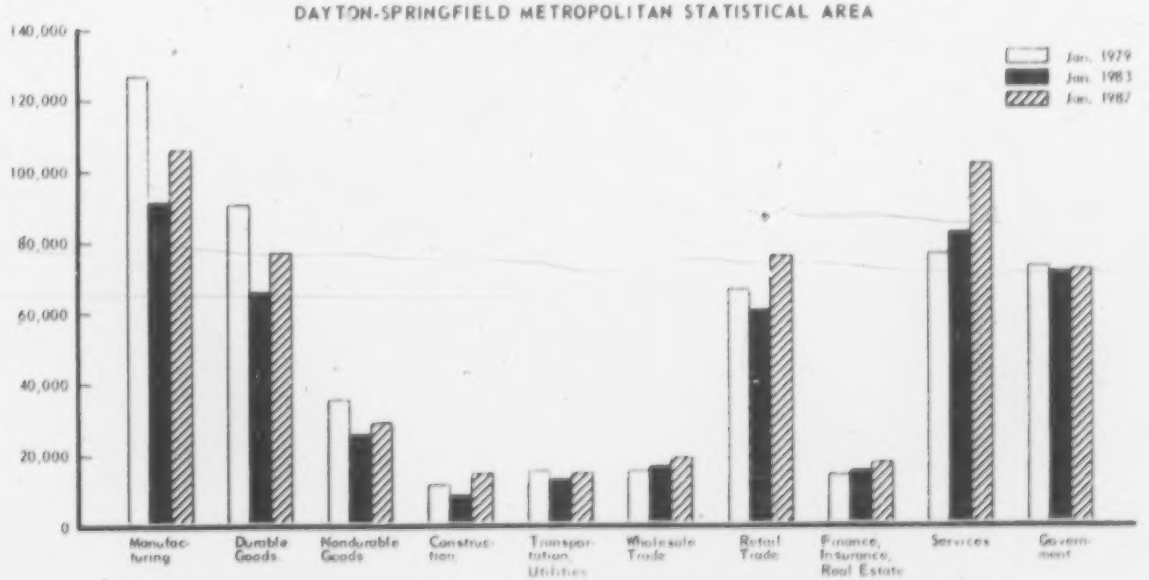
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
								Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
460.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
462.0	431.6	30.4	6.6	1986	420.9	108.1	68.4	514.88	42.8	12.03
				1985						
453.7	421.7	31.9	7.0	December	420.0	108.9	69.5	548.92	44.6	12.33
				1986						
451.7	418.4	33.3	7.4	January	408.9	105.3	68.2	534.45	43.7	12.23
461.9	427.3	34.6	7.5	February	410.1	105.1	67.9	532.61	43.8	12.16
463.7	434.1	29.6	6.4	March	413.0	105.5	68.1	526.44	43.4	12.13
460.3	431.5	28.9	6.3	April	418.3	105.3	68.1	510.85	42.5	12.02
455.4	428.8	26.6	5.8	May	421.1	106.2	68.5	515.31	42.8	12.04
459.9	427.4	32.5	7.1	June	420.3	106.6	68.5	518.06	43.1	12.02
463.0	433.8	29.2	6.3	July	417.5	106.2	68.0	511.28	42.5	12.03
463.0	432.5	30.5	6.6	August	420.6	106.5	68.1	502.25	42.1	11.93
459.6	428.0	31.6	6.9	September	427.6	106.8	68.8	516.52	42.9	12.04
467.0	437.8	29.2	6.3	October	423.7	106.4	68.5	502.74	42.0	11.97
470.2	441.9	28.3	6.0	November	431.2	106.3	68.8	505.83	42.4	11.93
468.0	437.9	30.0	6.4	December	432.1	106.5	69.0	509.32	42.8	11.90
				1987						
INA	INA	INA	INA	January	423.9	105.8	68.4	498.80	42.0	11.90

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
TOTAL	423.9	432.1	409.9	- 8.2	14.0
MANUFACTURING	105.8	106.5	105.3	- .7	.5
Durable Goods[e]	76.6	77.0	75.8	- .5	.7
Fabricated metal products	8.3	8.3	8.3	.0	.1
Machinery, except electrical	31.0	31.2	32.1	- .2	- 1.0
Metalworking machinery	6.7	6.8	7.1	- .1	- .5
General industrial machinery	2.6	2.6	2.8	- .1	- .1
Electric and electronic equipment	6.1	6.1	5.2	.0	.9
Electrical industrial apparatus	3.5	3.5	2.9	.0	.6
Transportation equipment	21.9	22.0	21.4	- .1	.5
Nondurable Goods	29.2	29.5	29.4	- .3	- .2
Food and kindred products	2.8	2.9	2.7	- .1	.1
Paper and allied products	5.8	5.9	5.8	- .1	.0
Printing and publishing	8.7	8.6	8.5	.0	.2
Rubber and misc. plastics products	8.2	8.2	8.7	.0	- .5
NONMANUFACTURING	318.1	325.6	304.6	- 7.5	13.5
CONSTRUCTION	14.5	16.0	12.1	- 1.5	2.4
TRANSPORTATION AND PUBLIC UTILITIES	14.7	15.2	14.2	- .5	.5
Communication, electric, gas services	5.9	6.0	5.9	- .1	.0
WHOLESALE TRADE	19.0	19.2	18.9	- .3	.1
Wholesale trade-durable goods	13.0	13.2	12.9	- .1	.2
RETAIL TRADE	76.4	80.3	72.0	- 3.9	4.4
General merchandise stores	12.0	13.5	12.0	- 1.5	.0
FINANCE, INSURANCE AND REAL ESTATE	17.6	17.7	16.8	.0	.8
Banking	4.3	4.3	4.2	.0	.1
Credit agencies other than banks	4.6	4.6	4.3	- .1	.3
Insurance carriers	2.8	2.8	2.9	.0	- .1
SERVICES	102.2	102.9	97.1	- .7	5.1
Business services	24.8	25.0	22.5	- .3	2.7
Health services	34.5	34.5	34.2	.0	.3
Hospitals	17.8	18.0	18.3	- .1	- .1
Educational services	6.8	7.0	7.5	- .3	- .6
GOVERNMENT	73.2	73.8	73.1	- .6	.1
Federal government	27.5	27.7	27.8	- .2	- .3
State government	6.9	7.0	6.5	- .1	.4
State government education	4.2	4.3	3.9	- .1	.3
State government, except education	2.7	2.7	2.6	.0	.1
Local government	38.8	39.1	38.8	- .3	.0
Local government education	24.5	24.7	24.5	- .1	.0
Local government, except education	14.3	14.4	14.3	- .2	.0

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

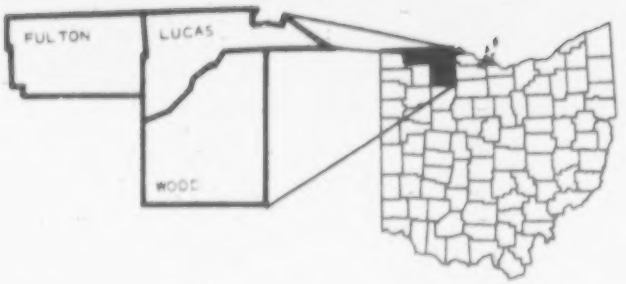
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987[b]	December 1986[c]	January 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]
MANUFACTURING	$499.80	$509.32	$534.45	42.0	42.8	43.7	$11.90	$11.90	$12.23
Durable Goods[e]	506.15	517.45	554.34	41.9	42.8	44.1	12.08	12.09	12.57
Fabricated metal products	374.40	403.75	352.34	40.0	42.5	39.5	9.36	9.50	8.92
Machinery, except electrical	544.43	561.44	563.16	42.7	44.0	44.1	12.75	12.76	12.77
Metalworking machinery	508.46	574.28	528.26	43.2	47.5	45.5	11.77	12.09	11.61
General industrial machinery	391.56	443.92	401.00	39.0	41.8	40.1	10.04	10.62	10.00
Electric and electronic equipment	404.49	434.82	387.49	43.4	45.2	41.8	9.32	9.62	9.27
Electrical industrial apparatus	462.64	546.70	448.92	43.4	48.9	43.5	10.66	11.18	10.32
Transportation equipment	596.13	598.40	712.34	41.8	41.7	47.3	14.33	14.35	15.06
Nondurable Goods[f]	480.11	485.07	477.00	42.3	42.7	42.4	11.35	11.36	11.25
Food and kindred products	356.87	347.06	384.13	43.1	42.8	43.9	8.28	8.09	8.75
Paper and allied products	504.91	515.16	446.40	47.1	47.7	45.0	10.72	10.80	9.92
Printing and publishing	422.53	431.84	426.37	38.8	39.7	40.3	10.89	10.88	10.58
Rubber and misc. plastics products	579.33	582.39	609.03	41.0	41.1	42.5	14.13	14.17	14.33
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	531.73	539.74	514.17	40.1	40.4	38.4	13.26	13.36	13.05
WHOLESALE TRADE	403.17	403.81	375.96	39.8	40.3	40.6	10.13	10.02	9.26
RETAIL TRADE[f]	153.70	160.11	157.77	27.3	28.9	29.6	5.63	5.54	5.33
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	354.22	354.90	332.33	33.8	33.8	33.3	10.48	10.50	9.98

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1987	December 1986	January 1986
Employment Service Program			
New Applicants	2,978	3,104	3,852
Active File of Job Seekers	25,114	24,634	32,268
Referrals to Jobs	1,179	1,127	1,813
Placements	200	573	354
Job Openings Received	1,000	804	841
Job Openings Unfilled	1,432	1,127	1,102
Unemployment Insurance Program			
Initial Claims	5,374	8,614	5,368
Continued Claims	37,529	34,280	43,611
First Payments	2,418	1,779	2,873
Last Payments	472	408	564
Weeks Compensated	30,687	22,950	36,884
Benefits Paid	$4,254,846	$3,182,173	$5,139,875
Average Weekly Payment	$141.72	$141.56	$142.06

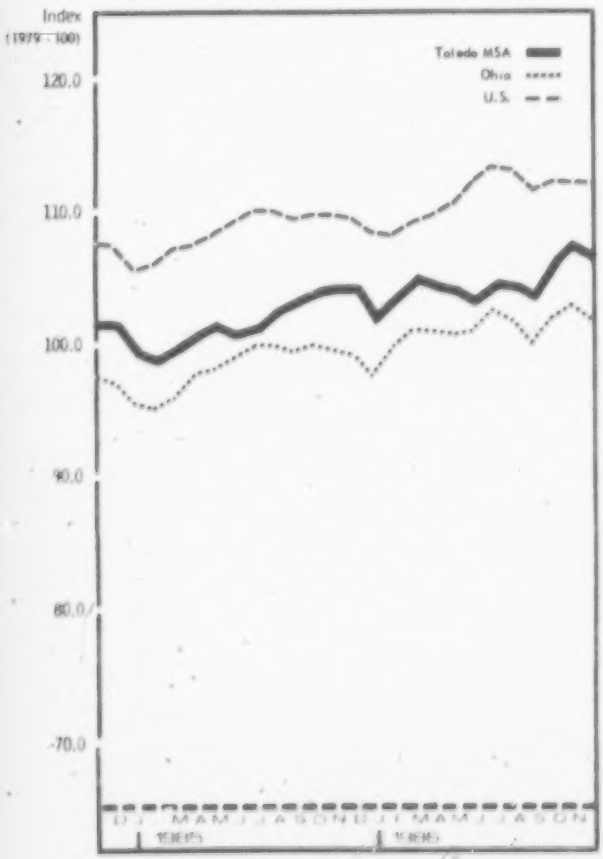
TOLEDO METROPOLITAN STATISTICAL AREA



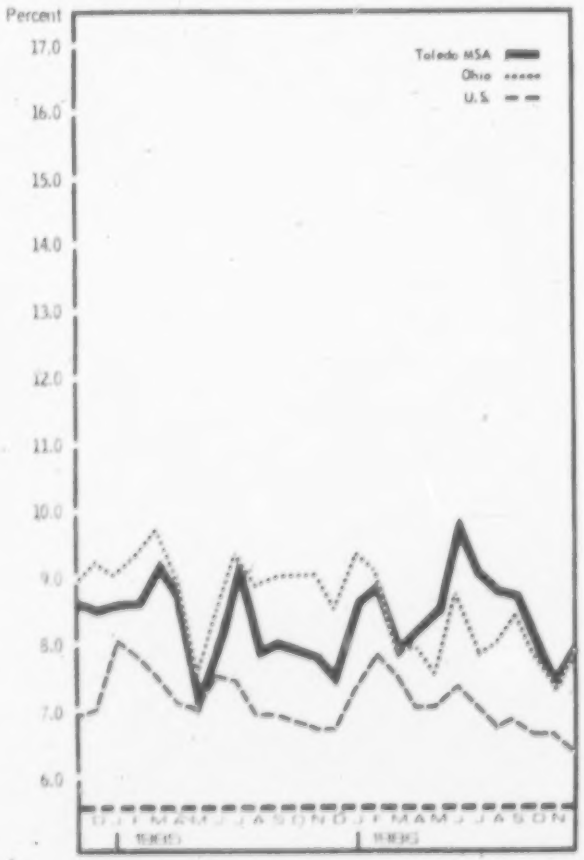
Nonagricultural wage and salary employment in the Toledo MSA in January 1987 was 275,900, a decrease of 7,500 from the previous month. In nonmanufacturing, almost all divisions showed losses. The largest decreases occurred in retail trade (-3,300) and government (-1,400). Manufacturing employment declined slightly to 62,900. Production workers in manufacturing worked an average of 43.6 hours per week in January, up .7 hours. They earned $12.73 an hour, up $.18 from last month.

Since January 1986, nonagricultural wage and salary employment increased 10,100. This improvement occurred in nonmanufacturing, with the largest gains in services, retail trade, and construction. Manufacturing employment declined by 2,300 over the year, due to losses in durable goods, especially transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



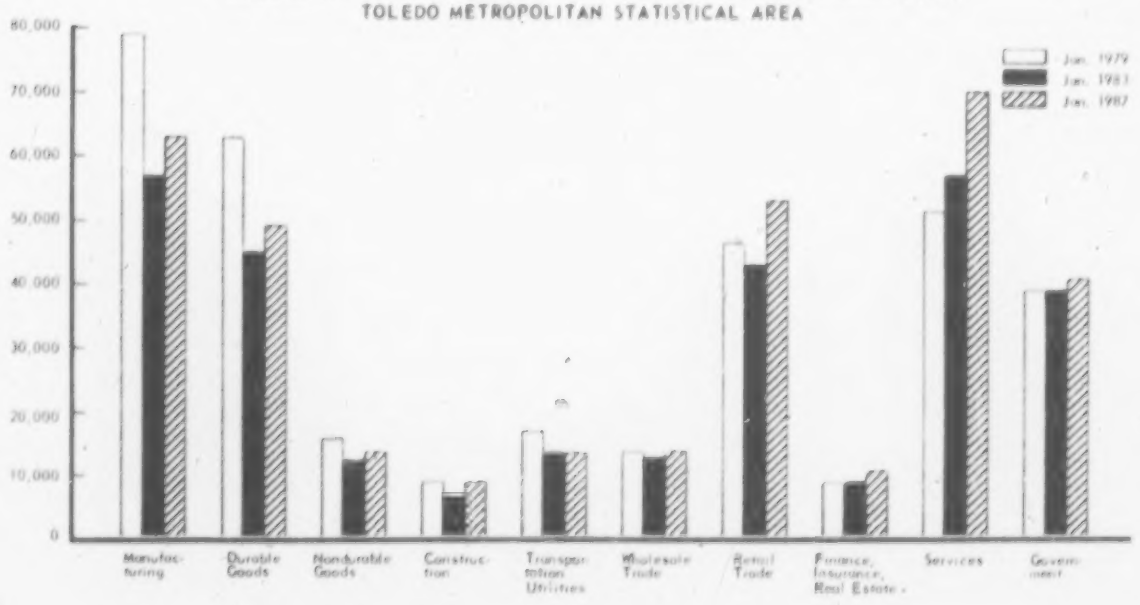
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
308.0	282.2	25.9	8.4	1986	273.0	63.6	44.4	527.03	42.4	12.43
				1985						
300.4	278.2	22.2	7.4	December	274.3	66.3	47.0	537.84	44.2	12.45
				1986						
298.6	273.2	25.4	8.5	January	265.8	65.2	46.1	532.39	42.9	12.41
307.1	280.0	27.1	8.8	February	265.7	63.8	44.5	536.68	42.9	12.51
306.5	282.7	23.8	7.8	March	266.3	62.9	43.5	529.91	42.7	12.41
306.8	281.9	24.9	8.1	April	271.2	63.7	44.2	516.23	41.8	12.35
306.0	280.1	25.9	8.4	May	273.1	62.8	43.5	524.55	42.2	12.43
307.3	277.6	30.3	9.8	June	270.5	63.3	43.9	528.12	42.2	12.42
309.9	281.8	28.1	9.1	July	268.6	63.0	43.6	526.25	42.1	12.50
308.2	281.2	26.9	8.7	August	271.5	64.1	44.7	519.60	42.2	12.32
305.6	279.3	26.3	8.6	September	277.3	64.5	45.3	524.36	42.7	12.28
311.5	287.2	24.3	7.8	October	280.0	63.4	44.2	531.65	42.6	12.48
314.6	291.9	22.7	7.2	November	283.0	63.1	44.5	524.93	42.1	12.47
313.7	289.1	24.5	7.8	December	283.4	63.0	44.5	538.40	42.9	12.55
				1987						
INA	INA	INA	INA	January	275.9	62.9	44.4	555.03	43.6	12.73

P-Preliminary data not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	January 1987[b]	December 1986[c]	January 1986[c]	From Last Month	From Last Year
TOTAL	275.9	283.4	265.8	- 7.5	10.1
MANUFACTURING	62.9	63.0	65.2	- .1	- 2.3
Durable Goods[e]	48.8	48.8	51.7	.0	- 2.9
Stone, clay, and glass products	6.1	6.1	6.5	.0	- .5
Primary metal industries	3.4	3.2	3.4	.1	.0
Fabricated metal products	7.4	7.5	7.7	- .1	- .3
Metal forgings and stampings	3.2	3.2	3.5	.0	- .3
Machinery, except electrical	6.1	6.1	6.0	.0	.1
Electric and electronic equipment	3.0	3.0	3.0	.0	.0
Transportation equipment	16.5	16.5	18.9	.0	- 2.4
Motor vehicles and equipment	15.6	15.5	17.8	.1	- 2.2
Nondurable Goods[f]	14.1	14.2	13.5	.0	.6
Food and kindred products	3.6	3.5	3.3	.1	.3
Rubber and misc. plastics products	3.2	3.2	2.9	.1	.3
NONMANUFACTURING[g]	213.0	220.4	200.5	- 7.4	12.4
CONSTRUCTION	9.0	10.1	7.8	- 1.2	1.1
TRANSPORTATION AND PUBLIC UTILITIES	14.1	14.5	13.5	- .4	.6
Trucking and warehousing	5.5	5.8	5.3	- .3	.2
Communication, electric, gas services	5.1	5.1	4.9	- .1	.2
WHOLESALE TRADE	14.2	14.4	14.2	- .1	.0
Wholesale trade-durable goods	9.4	9.5	9.6	- .1	- .2
RETAIL TRADE	52.8	56.1	50.5	- 3.3	2.3
General merchandise stores	7.2	8.2	7.4	- 1.0	- .2
FINANCE, INSURANCE, AND REAL ESTATE	11.2	11.4	10.5	- .2	.7
Banking	3.5	3.6	3.5	.0	.1
SERVICES	70.1	70.9	63.2	- .8	7.0
Business services	13.1	13.4	12.0	- .2	1.1
Health services	28.7	28.6	25.1	.1	3.6
Hospitals	15.0	15.0	14.3	.0	.7
GOVERNMENT	41.4	42.8	40.6	- 1.4	.7
State government	14.8	16.1	14.6	- 1.3	.2
State government education	10.9	12.2	10.8	- 1.3	.1
State government, except education	3.9	4.0	3.8	.0	.1
Local government	23.9	24.0	23.4	- .1	.5
Local government education	13.3	14.0	13.4	- .1	.0
Local government, except education	10.7	10.0	10.0	.0	.7

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

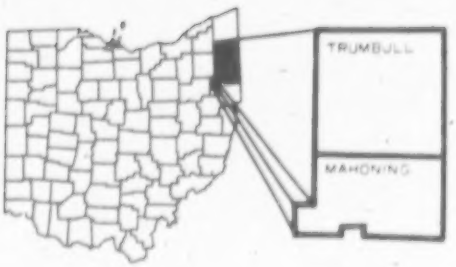
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987[b]	December 1986[c]	January 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]	Jan. 1987[b]	Dec. 1986[c]	Jan. 1986[c]
MANUFACTURING	$555.03	$538.40	$532.39	43.6	42.9	42.9	$12.73	$12.55	$12.41
Durable Goods[d]	584.77	553.83	558.14	44.2	42.8	43.3	13.23	12.94	12.89
Stone, clay, and glass products	533.82	539.65	603.40	42.4	43.0	45.3	12.59	12.55	13.32
Primary metal industries	521.21	512.45	501.75	45.6	44.6	44.6	11.43	11.49	11.25
Fabricated metal products	565.90	539.03	484.99	45.2	43.4	42.1	12.52	12.42	11.52
Metal forgings and stampings	695.49	679.68	558.36	47.8	47.2	42.3	14.55	14.40	13.20
Machinery, except electrical	490.45	473.82	455.87	42.5	41.6	41.9	11.54	11.39	10.88
Electric and electronic equipment	544.32	572.61	528.75	43.2	44.7	42.3	12.60	12.81	12.50
Transportation equipment	700.34	639.20	650.26	45.3	42.5	43.7	15.46	15.04	14.88
Motor vehicles and equipment	703.06	639.82	652.44	45.3	42.4	43.7	15.52	15.09	14.93
Nondurable Goods[e]	450.69	481.68	428.26	41.5	43.2	41.1	10.86	11.15	10.42
Food and kindred products	548.60	624.55	442.67	44.1	47.1	40.5	12.44	13.26	10.93
Rubber and misc. plastics products	328.46	336.61	321.17	40.5	40.9	39.7	8.11	8.23	8.09
TRANSPORTATION AND PUBLIC UTILITIES[f]	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	597.66	634.67	580.03	42.0	43.5	42.4	14.23	14.59	13.68
WHOLESALE TRADE	340.40	352.26	346.25	37.0	38.0	37.8	9.20	9.27	9.16
RETAIL TRADE[g]	153.99	161.37	151.05	28.1	29.5	28.5	5.48	5.47	5.30

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities. Excludes hospitals, the agriculture extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1987	December 1986[r]	January 1986
Employment Service Program			
New Applicants	2,446	2,086	2,650
Active File of Job Seekers	23,403	23,006	20,801
Referrals to Jobs	701	853	879
Placements	113	424	328
Job Openings Received	258	351	457
Job Openings Unfilled	661	650	565
Unemployment Insurance Program			
Initial Claims	6,442	5,910	6,653
Continued Claims	33,460	27,766	34,937
First Payments	2,356	1,530	2,371
Last Payments	455	438	376
Weeks Compensated	28,480	19,667	27,987
Benefits Paid	$4,173,521	$2,848,080	$4,032,281
Average Weekly Payment	$150.08	$148.80	$147.48

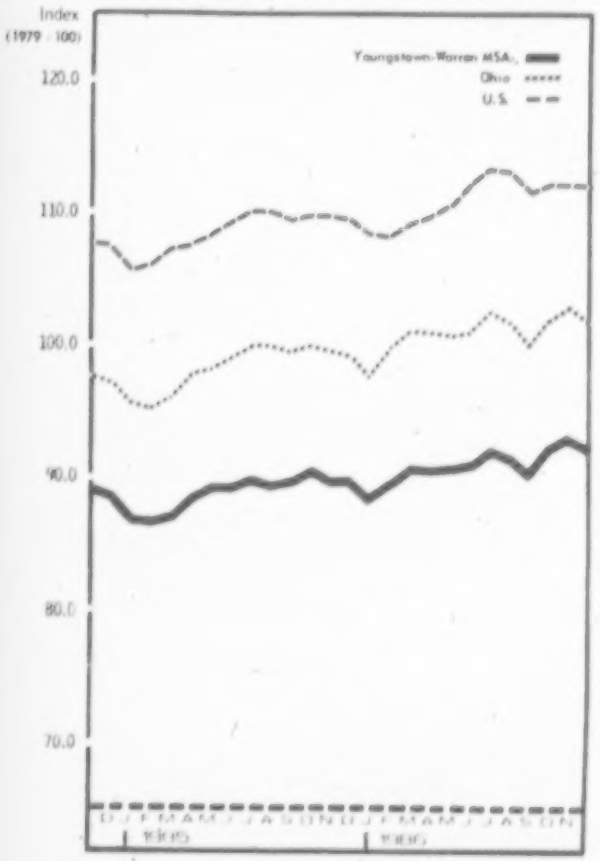
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



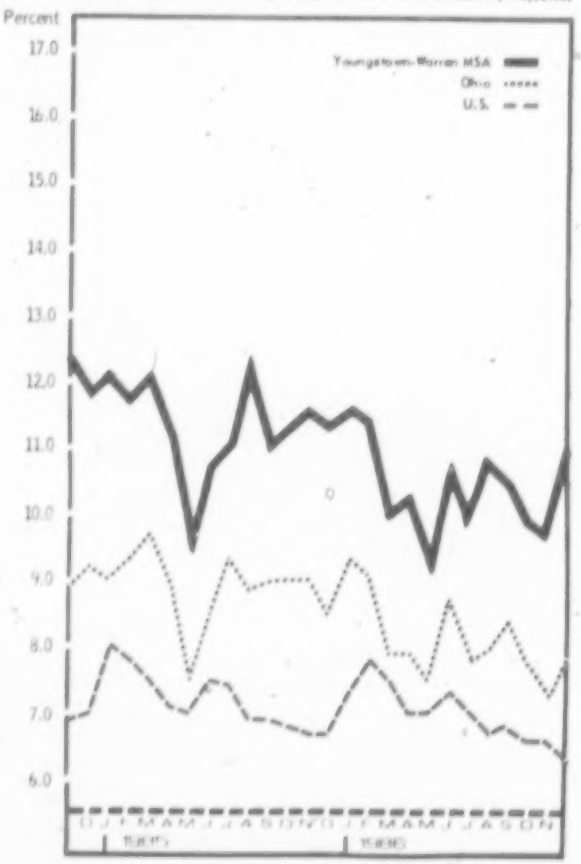
Nonagricultural wage and salary employment in the Youngstown-Warren MSA totaled 188,600 in January, a decrease of 3,900 from December. In nonmanufacturing, the number of employees dropped by 3,000, to 137,200. This drop was due largely to a seasonal decline of 1,500 workers in retail trade. Manufacturing employment declined 800, to 51,400, due primarily to a drop of 600 workers in primary metal industries. Production workers averaged a 42.8 hour workweek, down .1 hours from last month. Their average hourly earnings were down $.05 from December, to $13.46.

Nonagricultural wage and salary employment increased by 5,000 from January 1986. Increases in nonmanufacturing were responsible for this expansion, especially in services and retail trade. Losses in primary metal industries helped lower manufacturing employment 1,200 from January 1986.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



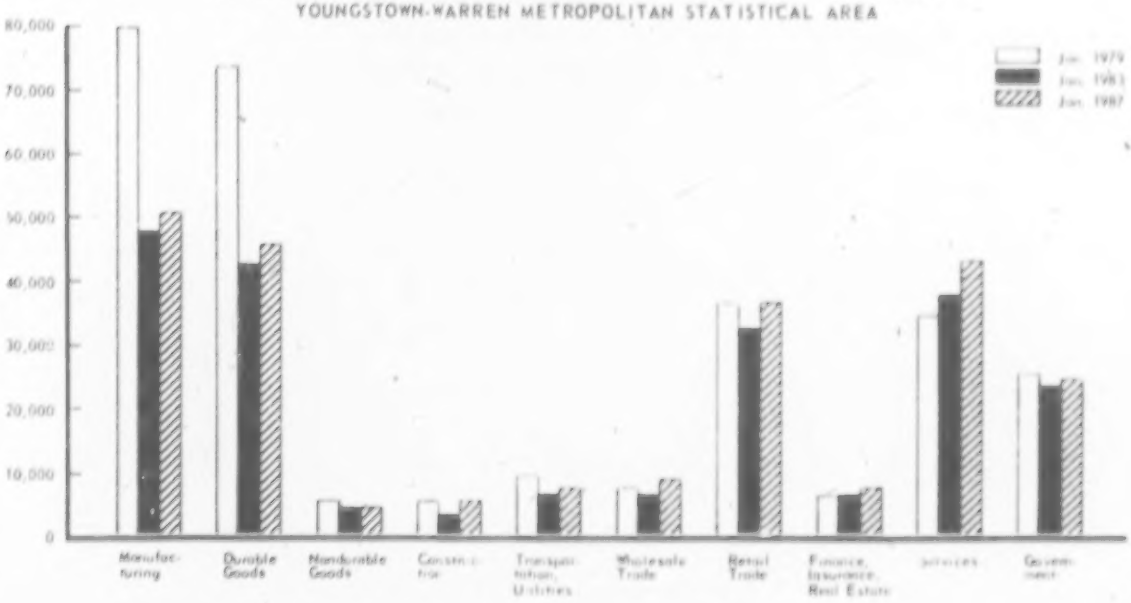
Youngstown-Warren MSA Labor Force & Employment Data

(Employment & Unemployment in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Total Employment	Manufacturing Employment	Nonmanufacturing Employment			
		Total	Rate				Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.2	210.5	23.7	10.1	1976	203.5	80.6	65.3	$277.29	39.5	$ 7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.50	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	56.1	409.77	39.1	10.77
236.0	205.7	29.2	12.1	1981	198.7	67.5	52.0	470.10	40.1	11.56
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.5	11.72
225.6	186.1	37.5	16.6	1983	177.5	52.0	36.6	521.20	42.1	12.30
222.2	195.9	26.3	11.8	1984	187.5	58.1	41.8	555.97	43.5	12.86
220.1	195.2	24.9	11.3	1985	186.2	57.7	39.6	570.66	43.1	13.24
224.9	201.1	23.8	10.6	1986	188.2	57.0	38.9	553.20	41.6	13.31
				1985						
225.0	197.8	25.2	11.3	December	187.9	53.1	39.8	514.44	39.5	13.03
				1986						
221.2	195.2	26.0	11.7	January	183.6	52.6	39.3	574.01	42.5	13.57
224.0	198.2	25.8	11.5	February	182.6	51.8	38.6	570.12	42.7	13.53
223.2	200.6	22.6	10.1	March	183.4	51.7	38.5	569.61	41.9	13.34
224.0	200.6	23.4	10.4	April	186.7	51.7	38.5	567.03	41.1	13.23
221.9	201.3	20.6	9.3	May	189.8	52.2	39.0	535.79	40.5	13.19
225.5	200.6	24.9	11.0	June	189.6	52.1	38.9	530.97	41.0	13.17
226.0	203.2	22.8	10.1	July	187.6	51.5	38.4	569.93	41.1	13.21
226.7	201.4	25.2	11.1	August	187.8	51.5	38.5	561.03	41.3	13.10
225.2	199.4	25.8	10.7	September	191.1	52.3	39.4	557.03	41.3	13.31
226.4	203.7	22.7	10.0	October	191.7	52.3	39.5	566.75	41.3	13.10
227.6	203.2	22.4	9.8	November	191.9	52.2	39.3	558.13	41.3	13.32
228.7	203.6	25.1	11.0	December	192.5	52.7	39.5	571.58	42.0	13.53
				1987						
196	196	196	196	January	188.0	52.5	39.5	538.03	41.0	13.46

(All Information not Available)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Youngstown-Warren MSA

Nonagricultural Wage & Salary Employment[1]

	Employment (in thousands)			Change[2] (in thousands)	
	January 1987[3]	December 1986[3]	January 1986	From Last Month	From Last Year
TOTAL					
MANUFACTURING					
Durable Goods[4]					
Primary metal industries					
Blast furnace and basic steel products					
Fabricated metal products					
Machinery, except electrical					
Electric and electronic equipment					
Transportation equipment					
Nondurable Goods					
NONMANUFACTURING					
CONSTRUCTION					
TRANSPORTATION AND PUBLIC UTILITIES					
Communication, electric, gas services					
WHOLESALE TRADE					
Wholesale trade, durable goods					
RETAIL TRADE					
General merchandise stores					
FINANCE, INSURANCE, AND REAL ESTATE					
Banking					
SERVICES					
Health services					
Hospitals					
GOVERNMENT					
State government					
State government education					
State government, except education					
Local government					
Local government education					
Local government, except education					

Youngstown - Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1987	December 1986	January 1986	Jan. 1987	Dec. 1986	Jan. 1986	Jan. 1987	Dec. 1986	Jan. 1986
MANUFACTURING	$379.19	$379.56	$374.01	42.8	42.9	42.7	$13.48	$13.47	$13.37
Durable Goods[r]	395.72	397.80	393.42	43.1	43.1	42.9	13.75	13.77	13.67
Primary metal industries	451.93	459.38	476.72	42.1	42.5	43.7	14.23	14.33	14.47
Blast furnace and basic steel products	528.42	536.17	559.52	44.2	43.9[r]	47.3	14.22	14.53	14.68
Fabricated metal products	387.24	383.73	382.68	42.6	42.7	41.1	13.85	13.87	13.83
Machinery, except electrical	457.10	469.45	472.92	42.1	42.8	42.7	14.87	14.79	14.83
Electric and electronic equipment	414.20	413.54	397.58	39.8	39.7	39.8	15.67	15.68	15.42
Transportation equipment	716.24	721.62	704.59	47.4	47.8	46.8	15.13	15.19	15.08
Nondurable Goods[r]	367.26	366.19	357.90	42.7	42.7	42.2	8.60	8.57	8.48
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	544.65	544.65	509.27	45.5	45.5	45.1	11.97	11.97	11.29
WHOLESALE TRADE	343.51	332.64	329.38	39.2	37.9	38.1	8.76	8.78	8.65
RETAIL TRADE	168.78	175.41	160.66	29.2	30.3	28.9	5.78	5.79	5.56

[a]See Technical Notes for concepts. [p]Preliminary. [r]Revised. [e]Based on unrounded figures. [f]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, instruments and related products, miscellaneous manufacturing. [g]Includes food and kindred products, tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and miscellaneous plastics products, leather and leather products. [h]Includes trade, finance, service payments only; not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1987	December 1986	January 1986
Employment Service Program			
New Applicants	1,387	1,429	1,276
Active File of Job Seekers	28,993	29,744	29,009
Referrals to Jobs	1,231	1,287	1,196
Placements	538	562	524
Job Openings Received	814	1,011	1,000
Job Openings Unfilled	481	485	485
Unemployment Insurance Program			
Initial Claims	5,473	5,440	5,408
Continued Claims	41,475	39,471	41,008
First Payments	4,238	4,196	4,284
Last Payments	4,017	3,911	3,994
Weeks Compensated	34,213	34,203	33,948
Benefits Paid	$4,903,509	$4,871,607	$4,794,018
Average Weekly Payment	$143.33	$142.46	$141.23

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	40
Manufacturing	56
Nonmanufacturing	35
Mining	56
Construction	17
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	20
Finance, Insurance, and Real Estate	42
Services and Miscellaneous	26
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1986 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours—Represents hours worked or paid for during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

	January 1987	December 1986	January 1986
New Applicants	48,475	41,715	52,030
Active File of Job Seekers	375,353	365,344	437,897
Counseling Interviews	1,632	1,696	2,158
Tests Administered	1,277	2,985	2,067
General Aptitude Tests	299	297	352
Proficiency Tests	575	387	564
Specific Aptitude Tests	408	354	798
Referrals to Jobs	19,338	15,830	21,256
Placements	3,772	4,861	5,186
Job Openings Received	9,021	7,434	9,136
Job Openings Unfilled	16,995	15,358	18,342

Selected Unemployment Insurance Activities

	January 1987	December 1986	January 1986
Initial Claims	105,164	109,051	102,602
Continued Claims	665,038	566,783	749,257
First Payments	50,812	32,342	53,195
Last Payments	8,259	7,206	9,054
Average Weekly Claimants	149,896	116,865	150,900
Average Weekly Benefit Recipients	116,003	90,801	125,191
Weeks Compensated	545,308	397,908	608,403
Benefits Paid	$79,962,329	$58,128,167	$88,273,404
Average Weekly Payment	$151.19	$150.68	$149.05
Continued Claims for Survey Week	148,681	116,843	156,224
Insured Unemployment Rate	3.6	2.8	3.9
Net Contributions	$24,010,825	$4,932,037	$30,527,899
Active Employer Accounts	194,291	193,872	190,965

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 481-5785.

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